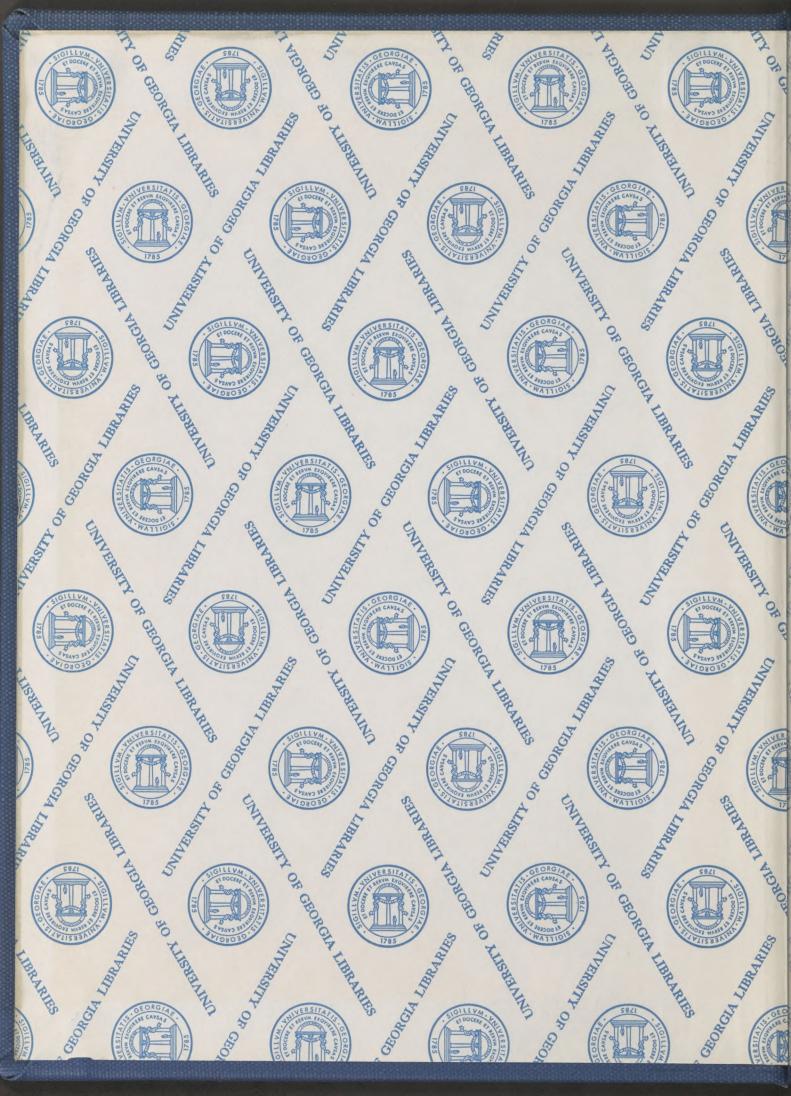
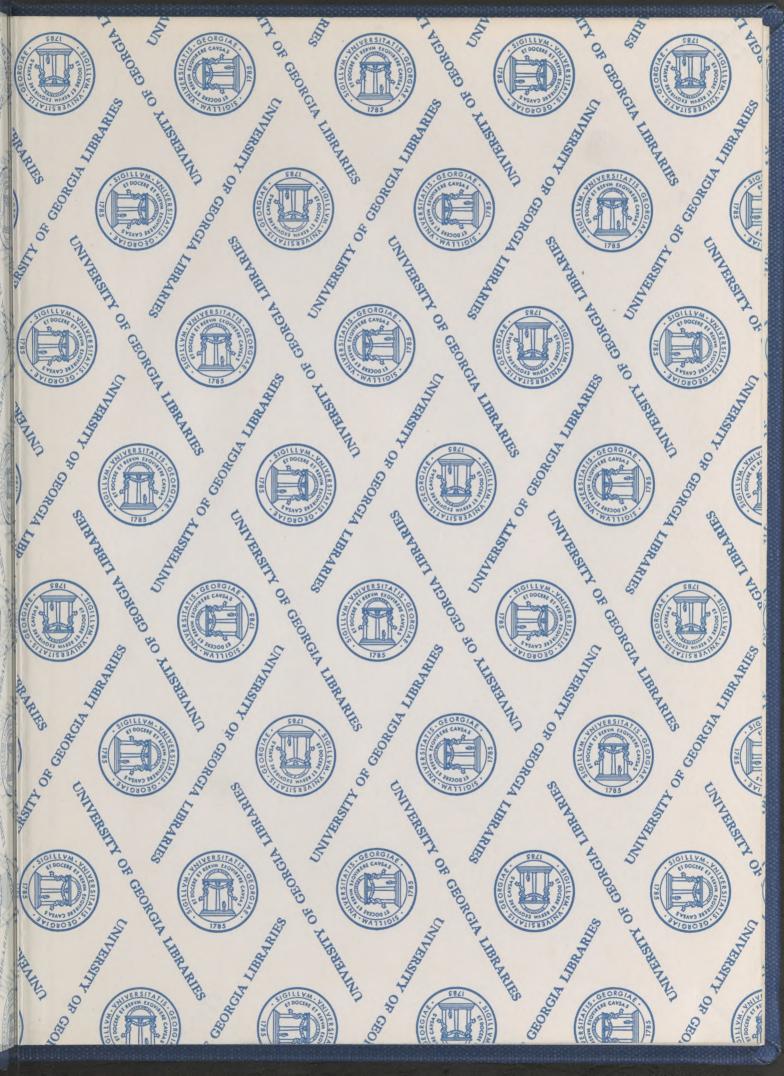
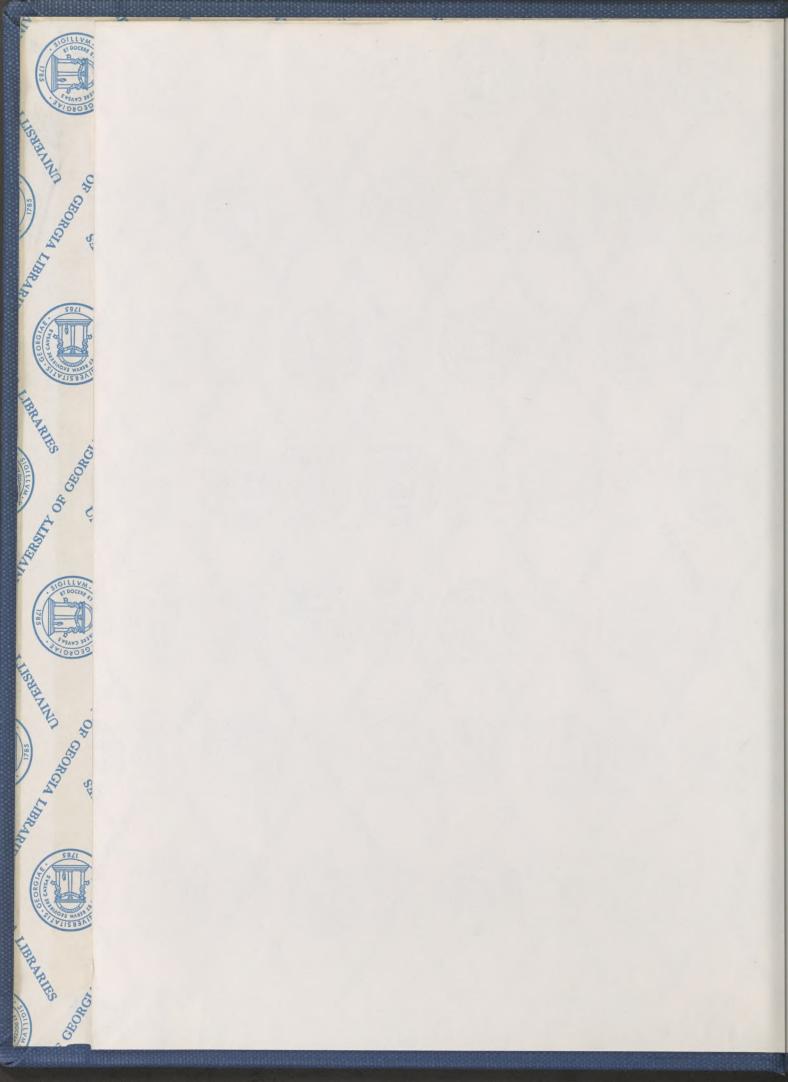
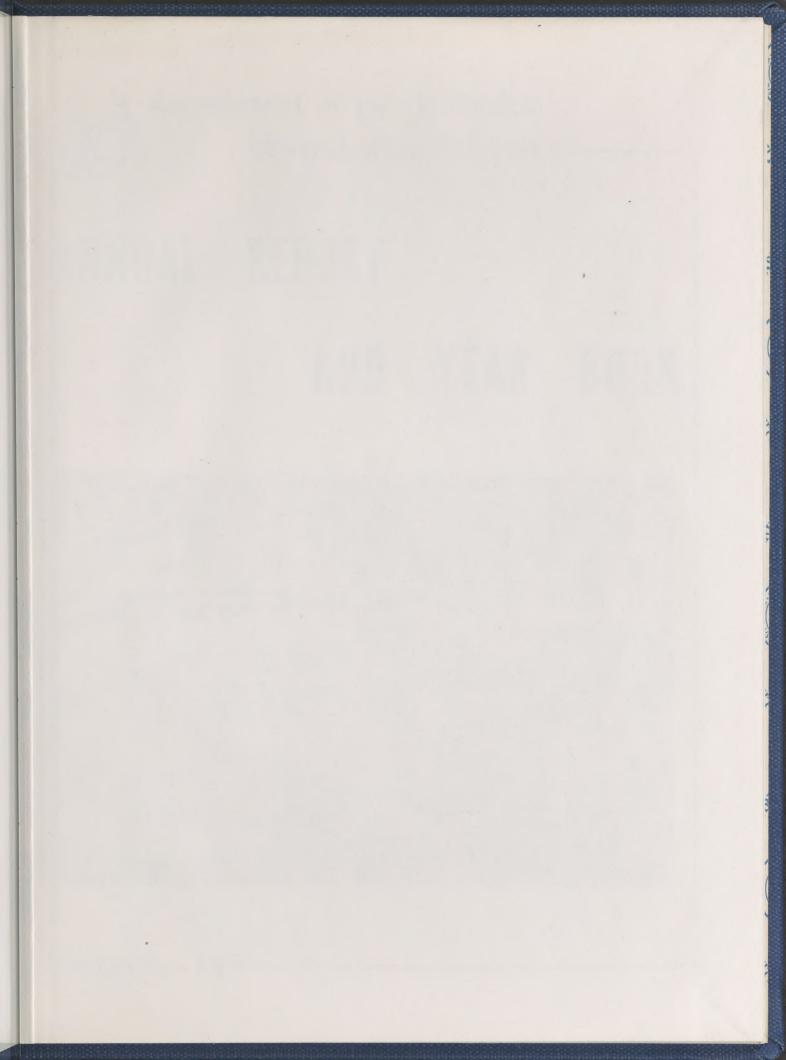
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department of public health central state hospital

ANNUAL REPORT AND YEAR BOOK



THE LIBRARIES



THE UNIVERSITY OF GEORGIA

THE COVER PHOTO

The new Carl Vinson Memorial War Veterans Hospital was officially opened in March and was dedicated by Governor Lester Maddox. It provides 150 additional beds for Georgia veterans in a completely modern and very attractive residential treatment facility. This building is typical of the renovation and upgrading of the physical facilities now going on at Central State Hospital.



DIRECTORY

Honorable Lester Maddox Governor, State of Georgia

MEMBERS OF THE GEORGIA STATE BOARD OF HEALTH

B. W. Forester, M.D., Chairman John M. Martin, M.D., Vice-Chairman J. T. Mercer, D.V.M., Secretary

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Addison M. Duval, M.D. Director, Division of Mental Health

Charles K. Bush, M.D. Director, Hospital Services Branch

James B. Craig, M.D.
Superintendent, Central State Hospital



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LIBRARIES

Doctor Charles K. Bush Director, Hospital Services Branch Division of Mental Health Georgia Department of Public Health 47 Trinity Avenue, S.W. Atlanta, Georgia 30334

Dear Doctor Bush:

We present herewith the Annual Report of Central State Hospital covering the fiscal year ending June 30, 1969. You will notice that the format has been changed this year in the hope that this will make it more readable, will present graphic proof of what is being done, and will furnish recipients with a valued source book about the institution which will be useful throughout the year.

You will see that the report is sectionalized thereby making the material located more easily. Much of the statistical information presented is in graphic form and covers a period of years, thus permitting comparison for research purposes. The graph showing the On Book Population, Resident Patients, Admissions and Convalescent Leave for a ten year period is particularly interesting. While On Book Population remains relatively stable at just below 19,000 individuals, the residents in the hospital and those on convalescent leave are almost equal in number, approximately 9,400 in each category.

Since the following pages contain the highlights of the year as well as detailed information on each program, we will not duplicate here. We would like to express to the personnel of the Georgia Department of Public Health and, more particularly, to each member of the staff of the Mental Health Division, our gratitude for their understanding and sympathetic helpfulness which made even the difficult tasks more pleasant.

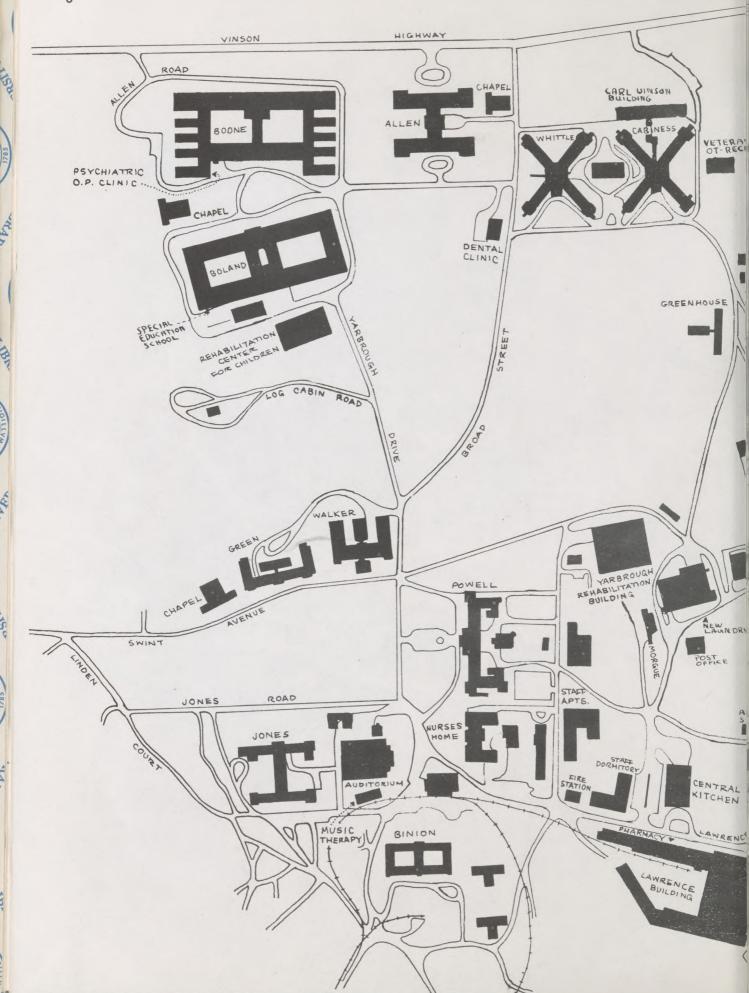
We pledge our continued and unrelenting effort to make Central State Hospital a treatment facility of which we can all be proud.

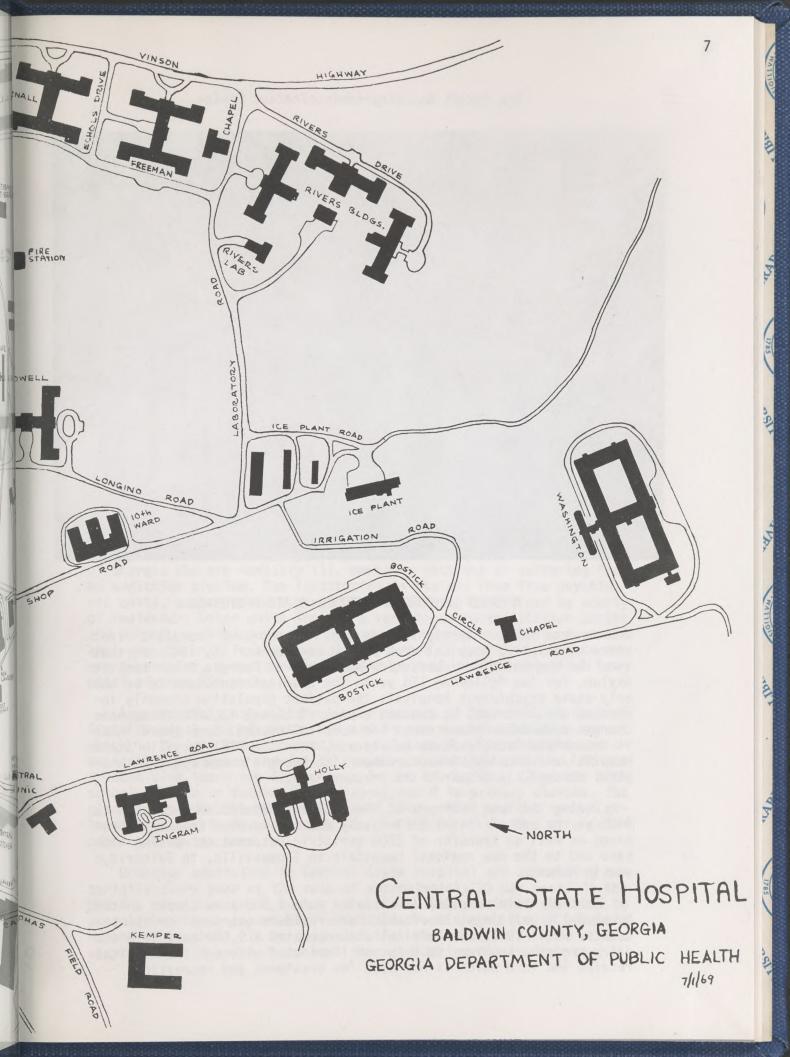
Respectfully Submitted

James B Craigo Games B. Craig, M. D.

Superintendent







The Powell Building-Administrative Center



A BRIEF HISTORY OF CENTRAL STATE HOSPITAL

One hundred and twenty-eight years ago, the doors of Georgia's first state psychiatric hospital were opened on December 15, 1842. At that time the one-building institution was known as Georgia State Lunatic Asylum. For the following 125 years the hospital continued to be the only state psychiatric hospital. The patient population steadily increased until in 1965 it reached a peak of almost 13,000. Three name changes have taken place since the hospital opened. Some years later it became the Georgia State Sanitarium, then the Milledgeville State Hospital and finally, in accordance with Georgia's new regional hospital concept, it acquired its present name.

During the last four years, the resident population decreased to 9408 at the end of fiscal 1969 mainly due to improved treatment programs as well as transfer of 3200 geriatric patients to nursing home care and to the new regional hospitals in Thomasville, in Bainbridge and in Atlanta.

Central State Hospital is situated on a 1,000 acre campus dotted by some 135 buildings, 24 of which are resident quarters for the patients. Until 1968, the hospital also operated a 9,000 acre farm and dairy program; however, this is now liquidated although the hospital retains the land which is now used for treatment and recreation.

The massive institution is like a small city. It has fire and police departments, general hospital services, five chapels for the spiritual inspiration of the patients, complete recreation facilities such as picnic areas, a large gymnasium and auditorium, a baseball field, and water sports of all kinds available at a nearby lake. warehouses and maintenance shops, lumber yard, patient operated stores, laundry and steam plant, sewage control, cemetaries and bus service. Also in the Central Kitchen, more than 33,000 meals are prepared daily in an area the size of two football fields.

The budgeted employee work force numbers 4072 and includes these categories: Physicians 107, dentists 6, nurses 116, semi-professional and technical 2164, psychologists 7, MSW social workers 14, also, clinical chaplains, music therapists, recreation therapists, occupational therapists, teachers, vocational rehabilitation personnel and business, engineering, maintenance, construction and administrative personnel. A complete list of employee classifications will be found elsewhere in this report.

As an educational and training facility, the hospital has accredited programs in psychiatry, medicine, psychology, social work, occupational therapy, music therapy, recreation therapy, pharmacy, vocational rehabilitation, hospital administration, clinical chaplaincy, mental health information and a rotating residency in Ophthalmology for senior residents from the Mayo Clinic at Rochester, N.Y.

As a treatment facility, Central State Hospital serves residents of Georgia who are mentally ill, mentally retarded or suffering from an addiction problem. The institution is divided into five psychiatric units, admission to a particular unit being determined by county of residence. Other units include a vocational rehabilitation center and school, a children's unit and special education school, a veterans' home, a unit for the mentally retarded, a unit for patients who are tubercular, a medicare unit and a general medical-surgical hospital of some 250 beds.

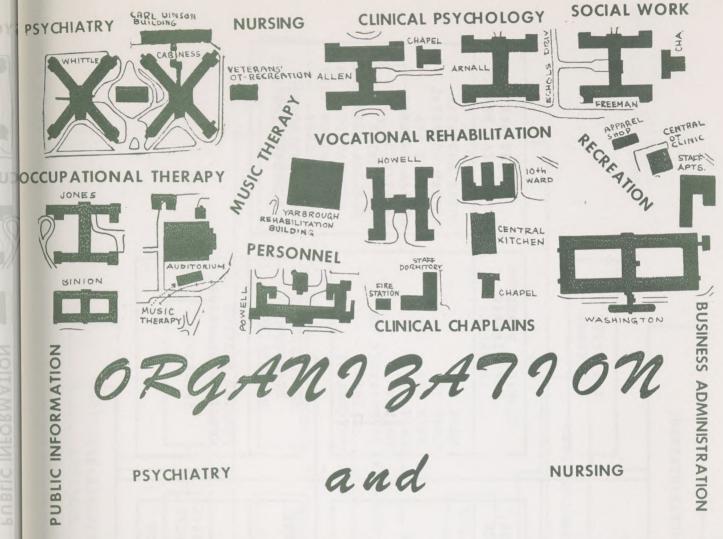
Approximately 650 children under the age of 18 reside at Central State Hospital and of these, 160 are in the special education school which is divided into two sections - classes for children who are emotionally disturbed and for those who are mentally retarded. At the present time there are 62 students in the EM section, 27 are in high school, 27 are in intermediate classes and 8 in primary classes. The classes for educable MR students have 55 enrolled and the number attending trainable MR classes is 43. The school is staffed by a principal and 20 teachers.

Underage admissions to Central State Hospital are increasing materially every year at the rate of approximately 33 per cent. At the present time ther are a number of children who should be admitted to school, but there is not sufficient classroom space, nor an adequate number of teachers. It is estimated that the school will need at the very minimum 39 teachers to meet the need during the coming year.

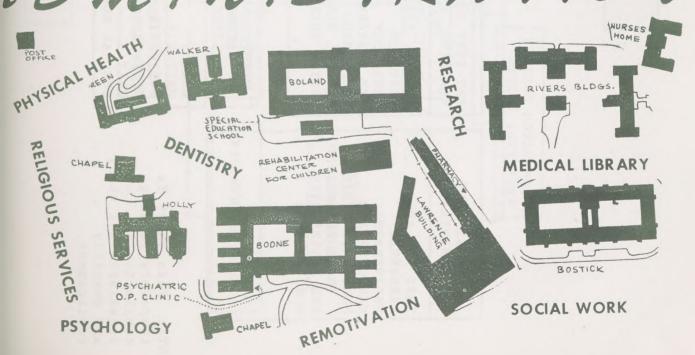
THE OPPOSITE PAGE

Organization brings order from chaos. "Order is the sanity of the mind, the health of the body, the peace of the city and the security of the state.

Southey.



ADMINISTRATION



SUPERINTENDENT

EXECUTIVE ASSISTANT

ASST SUPT ADMINISTRATIVE

INST BUS ADM
PERSONNEL
ENGINEERING
MANPOWER ADM
HOSP INFO SYSTEM
(DATA PROCESSING)
IND ENGINEERING
HORTICULTURE

NOTE: This chart is temporary pending completion of organizational study and possible realignment. ASST SUPT EDUCATION, TRAINING, RESEARCH

MEDICAL LIBRARY
RESEARCH
NEUROLOGY
PSY RESIDENCY TNG
TELEVISION
MEDICAL RECORDS
SOCIAL WORK

CLINICAL DIRECTOR PSYCHIATRIC (SPECIAL)

UNIT VI
UNIT VII
UNIT VIII
UNIT IX
UNIT X
SPECIAL EDUCATION

CLINICAL DIRECTOR
PSYCHIATRIC
(GENERAL)

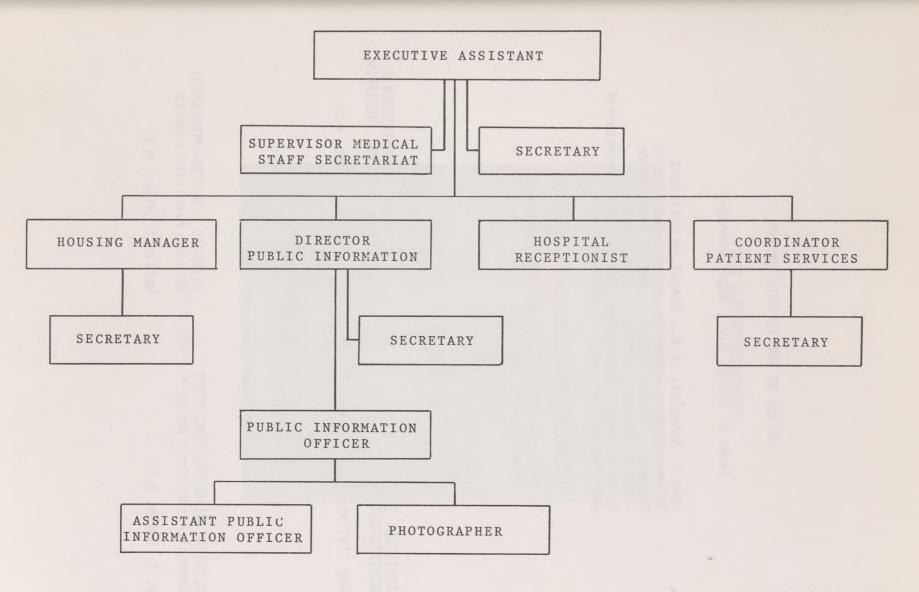
UNIT I
UNIT II
UNIT III
UNIT IV
UNIT V
PSYCHIATRIC OP
CLINIC
PSYCHOLOGY

DIRECTOR OF NURSING

NURSING SERVICE NURSING EDUCATION ASST SUPT PHYSICAL HEALTH

JONES HOSPITAL
RIVERS HOSPITAL
PHARMACY SVS
DENTAL PROGRAM
SANITATION
COORDINATOR
SPECIAL THERAPIES
OCCUPATIONAL THPY
RECREATION THPY
MUSIC THPY
VOLUNTEER SVS
REMOTIVATION SVS

CHAPLAINCY SERVICES



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SIGILLVM.

AP.

EXECUTIVE ASSISTANT (REVISED 1 AUG 69)

CENTRAL STATE HOSPITAL

OFFICE OF THE SUPERINTENDENT

James B. Craig, M.D., Superintendent

John J. Schuyler, LL.B., Executive Assistant
Mildred Bowman, Coordinator of Patient Affairs
Raymond D. Brown, Director, Public Information
James R. Emerson, Director, Staff Housing
Barbara Farmer, Supervisor, Medical Staff Secretariat
Jean Niblett, Hospital Receptionist

Superintendent's Secretarial Staff

Katherine Batchelor, Administrative Aide Mary McCrory, Secretary

ADMINISTRATIVE STAFF

ASSISTANT SUPERINTENDENT ADMINISTRATIVE

Rod Clelland, B.A., M.A.

ASSISTANT SUPERINTENDENT EDUC., TRAINING, RESEARCH

John W. Kemble, M.D.

ASSISTANT SUPERINTENDENT PHYSICAL HEALTH

William R. Howard, M.D.

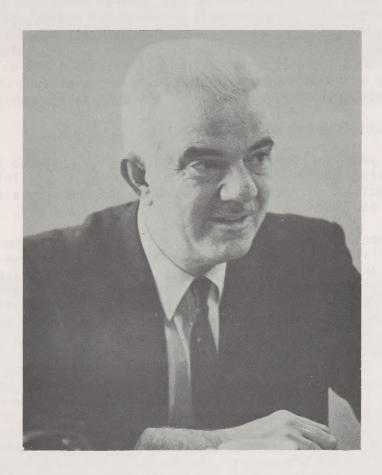
CLINICAL DIRECTOR-PSYCHIATRY General Psychiatric Units

W. T. Smith, M.D.

CLINICAL DIRECTOR-PSYCHIATRY Special Psychiatric Units

Hollis C. Miles, M.D.

THE SUPERINTENDENT



JAMES B. CRAIG, M.D.

OFFICE OF THE SUPERINTENDENT

The office of the Superintendent includes those departments reporting directly to him through his Executive Assistant, and which are funded through the Superintendent's budget. They include Staff Housing, Public Information and Education, the Medical Staff Secretariat, and the Hospital Receptionist.

STAFF HOUSING

This department is responsible for the general oversight of the staff quarters in the institution. These comprise 102 houses, 51 apartments and one hundred single rooms in the staff dormitory complex. Periodic inspections, the handling of rental arrangements, provision for regular maintenance schedules, the filling of vacancies and all the manifold duties contingent upon these property needs present an expanding task as additional staff members join the hospital community.

PUBLIC INFORMATION AND EDUCATION

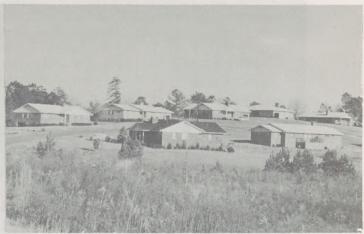
During the year the department has significantly expanded services to patients, staff members and mass media representatives. This resulted from the addition of much needed personnel and the acquisition of new and modern equipment, as well as the updating of the old.

Departmental reorganization, coupled with a move to more adequate office facilities has made possible a much better coverage of activities that take place in the institution as well as increased utilization of mass media facilities. The production of photographic exhibitions of patient activities has been recognized by the staff as helping to create a therapeutic environment on the wards and the pictures are greatly appreciated by the residents.

A total of 88 news releases appeared in the six papers which surround the hospital. These include the two Atlanta papers, the two local papers, the two Macon papers. Of these releases, 70 were initiated by the department and went in addition to 29 dailies, 200 weeklies and 150 radio and TV stations, as well as to a special list of organizations and individuals related to the mental health program. We are unable to determine how many of the downstate papers use the releases since a clipping service is not available to the department.

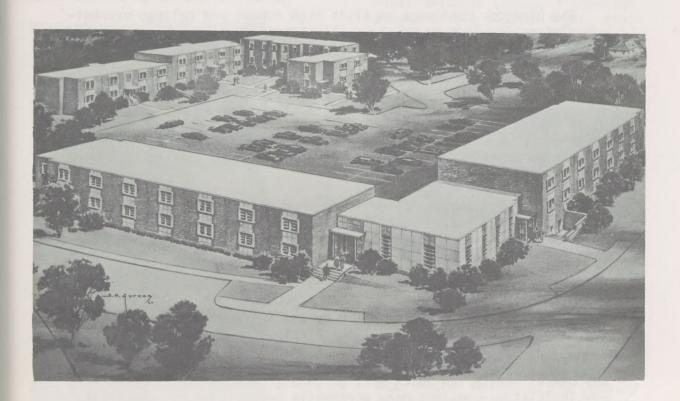
News stories not directly initiated by the department resulted in the main from information furnished to reporters who were in the hospital on other assignments. A good example of this was the stories on the forgotten children which ran front page in The Atlanta Journal. A visit on a completely different assignment resulted in the journalist becoming interested in the plight of the adolescents and the need for specialized facilities in order that adequate treatment might be provided for these young people. There were also four pickups by Atlanta newspapers from the hospital's WEEKLY BULLETIN, one of which made all the wire services and went all over the country.





Typical 3 and 4 bedroom brick house Physicians' houses on River Road

STAFF HOUSING



The staff dormitory and apartment complex

Photographic coverage of institutional activity provided a number of mass media outlets with photos and color slides. Hospital staff members also used the color slides to illustrate lectures, and on television interviews. Hospital photos were used by both Atlanta newspapers, as well as by those in Macon and Milledgeville. Several of the releases were full-page picture spreads of unique hospital treatment programs, vocational rehabilitation projects and young peoples' programs and activities.

The department photographer covered 113 separate events in black and white and in color. Ten individual slide shows were produced and six photographic exhibits were set up for conferences held by hospital departments, as well as by groups outside the institution. A patient has been trained as a photographer and is now working on a restricted basis and rendering excellent service.

The assignment of an information officer as director of the seminar programs for visiting students and other organizations has made possible a more efficient program, as well as providing the students with a meaningful learning experience. Effort has been made to allow individual structuring of programs according to the need of the particular group, as requested by the instructor. The total number permitted in each group has been reduced to 35, improved communications have been achieved with the educational institutions and the program in now much more adequate, both from the standpoint of the hospital, and that of the colleges and high schools.

The Director continues to visit high school and college psychology classes for lecture programs illustrated by color slides. Emphasis is placed on the hospital's stipend and scholarship programs and attention is given to treatment programs, types of admissions, statistical information on the patient population and a brief outline of Georgia's developing mental health program. Employment opportunities in the institution are also dealt with. Through May of 1969, a total of 78 visits were made to 26 high schools, 27 colleges and 25 organizations which included civic clubs, vocational training schools and schools of nursing. The total number of individual contacts was more than 4100

Department members also edit and produce the hospital's official publication, THE WEEKLY BULLETIN. Nine brochures, manuals, pamphlets for recruitment and educational purposes were produced for staff departments.

PATIENT AFFAIRS

A new position was recently set up by the Superintendent which bears the title of Coordinator of Patient Affairs. The position makes provision for a staff member whose major responsibility will be working with the Unit Directors in interpretation and implementation of the new mental health law which will go into effect January 1, 1970. The new legislation provides many worthwhile advances in the simplification of admission procedures, making possible medical as well as ju-



N F O

M

0

TOP: Typical photo exhibit of patient activities. Similar exhibitions are set up in all the units



LEFT: Aubrey Morris, WSB News Director, interviews a performer of Hoxie Brothers Circus. A campaign staged by the Atlanta radio station raised more than \$7,000 making it possible for the residents to enjoy this entertainment.



ABOVE: Columnist Bob Harrell from The Atlanta Constitution talks to Mrs. Dorice Herrin at the opening of the Central Occupational Therapy Building recently dedicated.

tion of admission procedures, making possible medical as well as judicial admissions; however, the legislation poses a number of difficulties merely because it is new.

The Coordinator of Patient Affairs will have the primary responsibility for smoothing hospital relationships with Ordinaries, County Health Officers and others, as well as working with hospital physicians to solve any related problems arising from implementation of the new legislation.

MEDICAL STAFF SECRETARIAT

The Supervisor of the Medical Staff Secretariat may be termed Administrative Assistant to the medical staff. She keeps all records, minute books, arranges agenda of staff meetings, keeps the regulations of the medical staff up to date and serves the medical staff committees as required.

HOSPITAL RECEPTIONIST

The Hospital Receptionist is the original contact person for all individuals desiring appointments with the Superintendent, the Assistant Superintendents and department heads quartered in the Powell Administrative offices. She also provides maps, histories of the hospital and other printed information to visitors unfamiliar with this institution.



Dr. Wildman conducts seminar for visiting psychology students

ADMINISTRATION

The Superintendent is the Executive Officer of the hospital and has to make the final decisions on all recommendations arriving via the two major planning committees of the institution, which are the Executive Committee of the Medical Staff and the Plans and Operations Committee. The first of these deals with matters affecting resident care and treatment, the second with the administration, the organization and the general business affairs of the hospital.

Membership of the Medical Staff Committee includes the Superintendent, the three Assistant Superintendents, the two Clinical Directors, the Director of Physical Health and one of the Unit Directors who serves as Secretary. Membership of the Plans and Operations Committee includes the Superintendent, the three Assistant Superintendents, the Clinical Directors and the Institutional Business Administrator. The Director of Manpower, though not officially a member, serves as Secretary.

Major advances in the administrative structure of the hospital, while retaining the necessary flexibility, are becoming fairly well defined. The creation of the Department of Manpower Control is resulting in equitable redistribution of allotted personnel and is now engaged in a program to study the redistribution of all resources present and future, basing the study on compilation and analysis of admission data, so that the needs of the patients will be recognized and met.

The Plans and Operations Committee has also projected building, equipment and personnel needs into the forseeable future, ten years ahead, in order to evolve proper objectives and to develop a master plan for approval of the Health Department.

The newly created Industrial Engineering Division has been completing a number of significant studies including an analysis which has graphically pointed up the need for additional laundry facilities, centralized linen distribution service and other improvements, all of which are necessary to keep the patients comfortable. An analysis of the transportation system resulted in an efficient, workable shuttle bus system. A nursing time and motion study, a patient population information study, two studies involving improvement and more efficient operation in the clothing issue and engineering warehouses and the development of a comprehensive manual for medicare—medicaid will all contribute to better patients facilities, as well as better care and treatment.

Planned budgeting passed its first milestone during fiscal 1969 and those with budget responsibilities have made a conscientious effort to project and justify all budget requests. Reorganization in the Horticulture Department has provided a horticulture therapy program which will be expanded into all units. Development of the former Colony Farm Lake into a recreational area is in progress.

HIGHLIGHTS OF 1969...

The new 150 bed Carl Vinson War Memorial Home opened and operative Specialized wards for adolescents opened and operative

A new Central Occupational Therapy Building completed - opening late 1969

Four flat-top buildings housing 2700 patients air-conditioned, painted, refloored and several equipped with new linen rooms.

Preliminary plans drawn for new 6.8 million dollar medical-surgical hospital

A new Occupational Therapy Clinic established in the Veterans Building

Remodeling completed on Jones Hospital Out-patient Clinic

Security Screens installed in Binion Building, dining area remodeled and visitors area air-conditioned

Satellite pharmacies completed in Jones and Cabiness Buildings

An additional Fire Station completed and operative

IBM-360 Computer installed and operative

Expanded quarters for Medical Records and Admissions completed and occupied

Public Information Offices relocated with adequate photo lab.

Completely new telephone system installed throughout the hospital

Print Shop relocated in expanded and air-conditioned quarters

Adequate outside lighting installed throughout the institution

New parking lots built and surfaced



The start...



And the finish



Information...



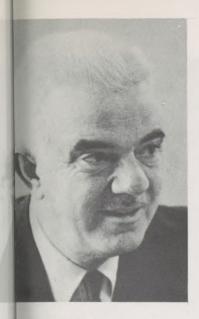
...and communication

AND INTERESTINATION

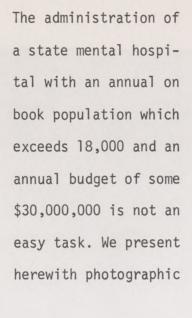
GEORGIANS SERVED.....

BUDGET

| On Books, July 1, 1969 | 18,619 |
|--|------------------------------------|
| Resident in hospital | 9,408 |
| On Convalescent Leave | 9,211 |
| Admissions: | |
| First Admissions | 6,290 |
| Readmissions -CSH | 2,186 |
| Readmissions - other | 705 |
| Average daily resident population | 9,645 |
| Decrease over 1968 | 412 |
| Discharged direct from hospital | 1,482 |
| Patients placed on convalescent leave | 8,963 |
| Transferred out | 233 |
| Deaths | 850 |
| | |
| ACTUALS | |
| State AppropriationsAgency Funds | \$27 527 800 00 \$ 3 210 531 12 |
| Agency runus | \$ 3 210 531 12 \$30 738 331 12 |
| Carry over from prior year Total Revenue | 260 221 26 \$30 998 552 38 |
| EXPENDITURES | |
| Personal Services | \$21 912 490 78 8 627 608 33 |
| Capital Outlay | 185 391 55 \$30 725 490 66 |
| Balance at close of year | \$ 273 061 72 |
| | |

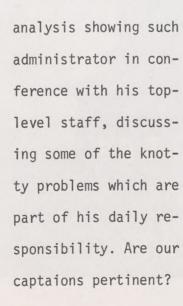


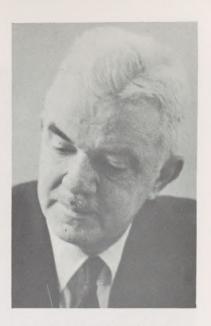
That sounds good.



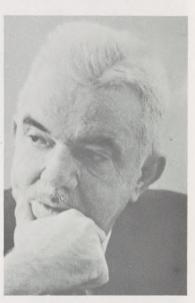


How about that!

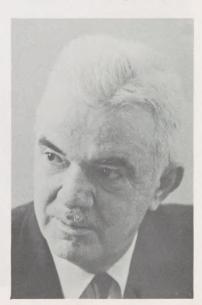




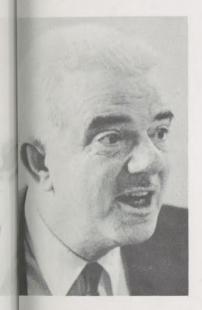
Let's do it this way



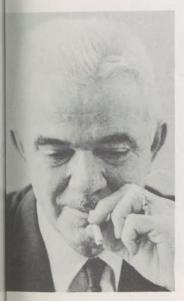
That's a tough one



We'll work it out



Now hear this!



You must be kidding

THE OPPOSITE PAGE

We are indebted to George Niles for the lovely photograph showing a silhouette of the steeple of the Chapel of All Faiths taken just before sunset. Central Chapel is one of five Houses of Worship furnished by the people of Georgia for the CSH patients

ENT CARE a n d

TREATMENT

The improvement of patient care was the major objective of the nursing staff during the past year. Marked improvement was evident within the units as a result of a limited number of new positions coming through the use of funds for budgeted vacant positions. In addition, a few ward clerk positions were made available thereby relieving the nursing personnel of many time-consuming duties and paper work which is not directly related to patient care.

Improvement of the physical facilities in a number of the hospital units has greatly enhanced the ward environment, thereby permitting all personnel to do a better job. A number of the wards received new lighting facilities, bathing facilities have been improved, a large number of them have been painted in attractive colors, the installation of floor tile has improved the appearance of many of them and air-conditioning has materially added to the comfort of the residents in the hot weather.

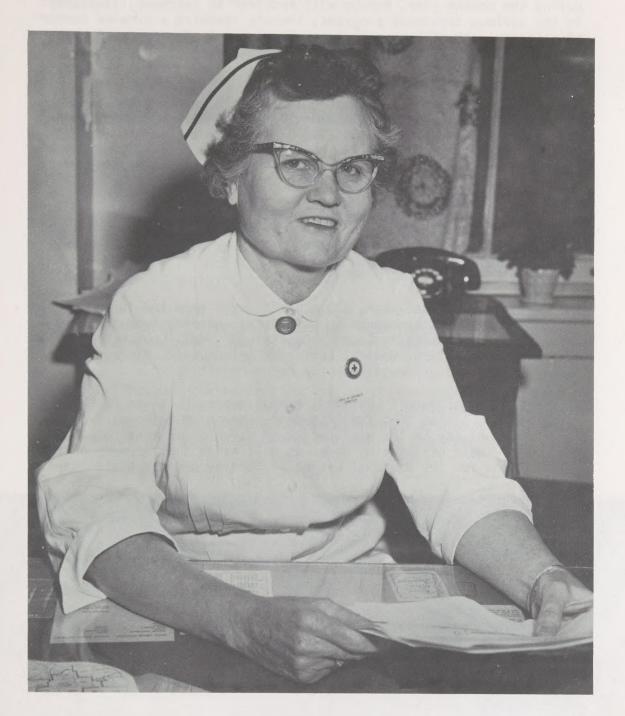
The establishment of a new Housekeeping Department and the initiation of property control officers was a gratifying new development during the year. This has resulted in relieving nursing personnel of many of the tasks which they were forced to do in addition to caring for patients; however, there are as yet an insufficient number to do much in this area at present.

Improvement in the personal hygiene of patients by more frequent bathing practises has created a severe shortage of wearing apparel a condition which has not as yet been alleviated. The hospital laundry is outmoded, equipment is antiquated, and the entire operation fails to meet the growing demand from the wards. Some of the wards are endeavoring to meet the crisis by washing and ironing dresses and other items of clothing on the wards, where equipment is available, but very few of them are so provided. If patients are to be kept clean, a definite improvement is necessary in this area.

The scarcity of male applicants for the attendant service is another constant problem. Turnover in male attendants is due mostly to the draft, leaving for higher paying jobs or going to college. Also, although we employ most interested local college males, their tenure does not afford any permanent solution, since they can only work for limited periods and shifts. Hospital services are severely curtailed while vacancies exist.

Recruitment has noticeably improved during the year since 21 registered nurses were employed; however, 20 left, mainly because salary situations were involved. As a means of encouraging nurses, concerted afforts are being made to reallocate positions to higher salary scales. Attempts are made to employ eligible LPN applicants when new attendant positions are available, or as existing vacancies occur and can be allocated. Many of the units, faced with shortages are combining two wards to provide better personnel coverage.

HONORING



Mrs. Myra Bonner, R.N.

Retiring after 37 years nursing service 23 as Director of nurses

During the coming year, nurses will endeavor to increase involvement in the various treatment programs, thereby reaching a greater number of patients with effective therapy. Development of programs in behavior modification, milieu therapy, attitude therapy, as well as remotivation, resocialization and others have been extremely effective in treating patients otherwise difficult to reach.

Two wards will be converted in one of the units into an orientation area to prepare candidates for nursing homes for the abrupt environmental change that would otherwise occur. A registered nurse is to work with these patients two days a week. Staff visits to some of the nursing home facilities will ease the problems of transfer, also improve the program.

Nursing service now includes 116 registered nurses, 81 LPN's and 1745 attendants, for a total of 1942.

PSYCHIATRIC AFFILIATION PROGRAM

During the past fiscal year, 182 students were enrolled in and successfully completed the course in psychiatric nursing from the hospital schools of nursing at Georgia Baptist-107, Hall County Hospital-12, Macon Hospital-20, Medical Center at Columbus-17, Piedmont Hospital-25, and one graduate from the Macon Hospital.

At the annual faculty meeting, school representatives reported a concensus of opinion that their students showed much improvement and heightened ability in the application of psychiatric nursing principles after their affiliation here, as well as in their scores on the examinations for the National League of Nursing and the State Board.

The new two-year nursing program resulted in some reorganization of affiliation programs throughout the state. Several of the schools in hospitals, formerly affiliating with Central State, have made the decision to close; however, enrollment here continues good. A larger enrollment is anticipated for the coming year.

Faculty members here face an added responsibility resulting from the new two-year program in the necessity for participating in various types of psychiatric experience for students who are not affiliating here but who spend some time at CSH in clinical work. All faculty members are involved in conducting these students and their instructors to selected areas where they are responsible for illustrations, orientations, demonstrations and explanations of the programs and activities observed.

Programs have been planned for field visits of from one to three days for 138 students, 16 instructors and a director of nursing. The groups were from Albany Junior College, Albany State College, Dalton Junior College, Crawford Long Hospital, Floyd County Hospital, Grady Memorial Hospital and others. A number of additional nursing delegations interested in various phases of hospital operation visited CSH during the year.

INSERVICE EDUCATION

These programs continue to be a vital part of nursing education, and in the units, these programs are already functioning in patterns established to meet each unit's individual need.

The Professional Nurse Staff Development Program, financed every three years by a grant from the National Institute of Mental Health, is proving of great benefit and will continue in much the same format during the coming year. A renewal grant for this program was recently received.

A course for attendants covering 12 weeks is operating with only two classes, the hospital aide class and the federally supported inservice training program. Of the total 135 enrolees, 116 were certified. The major goal of training in both classes is the improving of aide-patient relationships as well as inter-personal technics in relating to other employees.

The Neighborhood Youth Corps Nursing Aide Program ended with the month of August. The present class has been restructured, both as to the number of enrolees and as to the length and is proving much more effective.

Plans for the coming year include an on-the-job class to prepare charge attendants, an enrichment on-the-job course for LPN's, promotion of pre-service programs for nursing service personnel, and continuance of the Staff Development Program for Professional Nurses.



PATIENT REMOTIVATION SERVICE

Remotivation, in its fourth year of operation as a departmental discipline, has increased its value as a member of the therapeutic team and has been able to increase patient coverage this year. The future goal is for greater involvement of people in the program, and expansion of the educational activities as a Regional Training Center for Remotivators in the Southeastern states.

The growth of the program within the hospital continues on three levels:

- 1. Non-formal settings in which initial efforts are directed toward individual patients or patients in small groups gathered in informal environments, such as personal grooming sessions, games, sewing, music, dining manners, rudimentary crafts, indoor and outdoor trips, parties, picnics and gardening, cooking and other activities.
- 2. Formal sessions, which concentrate on group discussions varying from specific to broad, general topics and related to literature, science, geography, art, nature, travel, crafts,
- 3. Advanced groups, which concentrate on in-depth conversations, discussions about current living and the problems involved.

Patient groups formed total 183 with 1,828 individual participators who attended 2,196 sessions for each three month period and the average number of patients attending non-formal sessions monthly was 1,272. The average number of active aide Remotivators in any one calender month was 63, showing the great need for more trained personnel.

An estimated 4,040 patients participated for the year in Unit 1, in non-formal activities while 1,258 participated in formal groups a fairly large increase over last year. In Unit 2 the number in groups of the non-formal type totaled 4,800 while 2,064 took part in formal activity. Some new Remotivation activities which are producing therapeutic results include the weekly dinners and crafts program in the sick ward in Unit 2, the fashion program in Unit 1, the quilting and sewing ward program in Medicare and the coordinated weekly remotivation program for the profoundly retarded residents in Unit 9.

As the Regional Training Center, a training institute was provided 45 participants from surrounding hospitals and nursing homes. It was successful with patient participation in the laboratory sessions numbering 485.

In January, the Director was appointed Associate Professor working in the Graduate Program in Nursing at the Medical College. A Remotivation position will be included on the chart of each Unit where this would be appropriate which will mean added service in 1970.

The goal of the Psychology Department is to establish each method of evaluation and treatment of patients upon the firm foundation of empirical, scientific research. It is extremely important to Psychologists to be able to specify precisely the methods and techniques employed, as well as to obtain accurate, quantitative evaluation which makes the result significant and allows for future improvements. The effective evaluation of a mental health program cannot be made merely upon an intuitive feeling that the patients are "getting better."

In addition to the usual clinical services for adults, responsibility for the education-treatment program for children was also assigned administratively to the psychology department until the month of January, 1969. Included were such programs as behavior modification, the training of interns in clinical psychology, education programs in clinical psychology and the programs for patients with multiple handicaps.

Emphasis is being increasingly focused on improving treatment by the use of more efficient and scientific techniques, also, concerted efforts are being made to increase the efficiency and coverage which are necessary to any good treatment program by attracting personnel, training staff members to function at more complex levels, and carefully directing and supervising all work by qualified doctoral level and master level psychologists. Scholarship programs along with newly developed recruitment techniques should continue to staff the department with an increasing number of qualified applicants.

During the year, 4,500 patients were evaluated by staff members, psychological treatment was given to 550 patients monthly. Psychologists spent many hours in teaching and research in addition to clinical responsibilities.

Detailed reports on behavior modification programs will be found under Unit 9, programs for multiple handicapped patients under Unit 10 and education, training and research programs under this heading. Treatment programs for children will be found under the Childrens Unit, number 8.

The psychology department cooperates with the Public Information Department in providing seminar programs for visiting high schoolers as well as college students from psychology and social work classes. The goal of the program is to dispel erroneous ideas held by the average individual about the hospital and emotional illness, to inform the general public of the many urgent needs at the hospital and also to help the students to a realization of the problems in helping the mentally ill individual adjust to the community upon his discharge.

During the year, more than 4,000 persons spent a full day at the hospital under this program. In addition, special groups such as the Georgia Mental Health Association visited for special programs.

CLINICAL TRAINING

This year the department had four new interns in residence. A fundamental goal of the program is to promote the students' understanding of and adherance to scientific methodology. The interns gain experience in behavior modification settings, working with severely handicapped patients, dealing with children and adolescents, and participating in the more traditional experiences of interviewing, testing, and psychotherapy with adults and children which are found in nearly all state hospital settings.

Several policy changes were instituted this year relating to the clinical internship program. All students who are now on stipend are required to repay their stipend at the doctoral level. Secondly, because of the limited number of qualified supervisors, the total number of interns has been reduced. This will permit closer supervision as well as instruction at a higher academic level. It was also decided that only the most capable students would be considered for hospital stipends and internships.

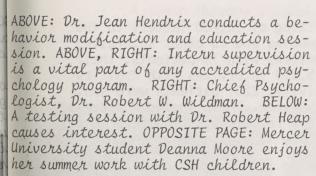
RESEARCH

The psychology department has, for the last few years, led most hosital departments with respect to research programs as well as publication in professional journals. The departmental staff submitted ll articles during the year, with a number of other studies in preparation. The staff generally has five research studies in process.













SOCIAL WORK SERVICES

Placement of geriatric patients in nursing homes throughout the state has been a major factor in reducing Central State Hospital's resident population from 12,000 to the present population of 9400. The program which started in 1965 has now placed more than 2500 individuals, with a return rate of slightly more than 14 per cent. This return rate favorably compares with the results achieved by any other hospital discharge program and is better than most of them. Last year alone, more than 500 patients were placed, 422 of them through the Baldwin County Unit of the Department of Family and Chirdren Services located at the hospital.

A new program initiated this year consisted of the assignment of a community organization social worker to act as a liaison person between the hospital's Psychiatric Unit 2 and the communities served by the Unit. The focal community has been Macon and Bibb County. Preliminary groundwork has been laid for the establishment of an adult foster home program, the first in the state of Georgia to meet the needs of emotionally disturbed individuals.

Services to patients include the writing of 12,480 letters to the relatives of residents, to community agencies and to other interested individuals. The staff held 17,504 interviews with in-patients, their families and their representatives and 5,299 interviews with families of out-patients. As a result of this activity, 2201 patients were sent back to their home communities during the year. These included placements with relatives, independent living arrangements, transfers to a nursing home and transfers out of the state

The staff now consists of a total of 58 individuals which constitutes an increase of five with a significant increase at the supervisory level. Twelve staff members are on educational leave, completing their Master's degrees in Social Work supported by hospital stipends. Schools attended include Smith College, Tulane, Florida State University, University of Michigan and the University of Georgia. During the year, ten social work students were placed in the department for supervised field work by the University of Georgia and Florida State and 30 undergraduate sociology students from Mercer University located in Macon and Georgia College at Milledgeville also received supervision.

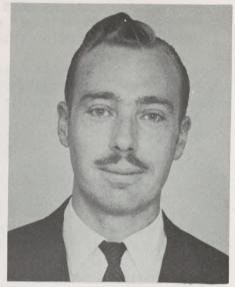
RELIGIOUS SERVICES

Fiscal year 1969 marked the fifth anniversary of the completion, dedication and occupancy of the Chapels of All Faiths which have provided, during the past five years, not only adequate facilities in which religious activities could be conducted, but have become a comforting symbol of hope and encouragement for the hospital residents.

A special anniversary celebration was held in the Central Chapel,



A group therapy session



Director Ken Jasnau, M.S.S.



ABOVE: Pre-release planning by social workers considers factors affecting the discharge of the patient. RIGHT: Placements of aged patients in accredited Nursing Homes have amounted to more than 3300 since 1964.



invitations having been sent to prominent clergymen, state officials, local leaders and others who had some part in raising the fund necessary to build the chapels. Among those attending were former Governor and Mrs. Ernest Vandiver who were largely responsible for raising the money through popular subscription.

A shift in pastoral care services has resulted in a slight reduction in the number of formal worship services, but an increase in the informal worship services on the wards thus making some form of religious activity available to more patients who are not able to come to the chapel services. The staff conducted 1003 worship services in the chapels and 1628 on the hospital wards.

An increase of more than 6000 pastoral visits to patients is part of the total number of 19,036 which resulted from the attempt to symbolize the presence of the church and the concern of the community in the person of the chaplains on the wards. Special services for Jewish patients, Roman Catholic patients and Episcopalians are conducted and the observance of festive occasions such as All Saints' Day, and also Christmas, Lent and Easter are thoroughly enjoyed by the patients.

Religious service to the female prisoners was increased considerably and included a series of special inspirational services that the inmates seemed to enjoy. Special hymnbooks were purchased for children housed in the mental retardation and the adolescent units so that the worship services would be geared to their needs and would be significant to them

A large portion of staff time is spent in clinical services. This includes group pastoral counseling with 1014 patients also individual pastoral counseling with 4000 patients. A refinement of religious diagnosis has proved very effective in detecting problem areas that exists in the patients' behavior patterns.

A special training program has included training at five well-defined levels. These include an introductory orientation workshop particularly fitted to the needs of community clergymen, the orientation for seminary students covering six successive Mondays, student clinical trainee-ships which include supervision of six students for a total of six student quarters and clinical internships in which area by far the majority of departmental supervision was focused.

Thirteen students were supervised for a total of 32 student quarters. Clinical residency and supervision included the supervision and oversight of four assistant supervisors for a total of six periods of three months each. and was the most significant development which occurred this past year, since these men were trained as chaplain supervisors and began their process of certification by the national accrediting agency. When certified, they will be available for staffing other chaplain positions within the state mental health program.

Staff and community relations continued in the form of workshops, seminars and conferences sponsored by the department for various vis-

iting groups. Research efforts have been expanded and a staff member now devotes the major portion of his time to research as well as using the date processing system to correlate information and to tabulate findings.



ABOVE: Sunday services, main chapel. BELOW: LEFT: Pastoral Counseling





Chief Chaplain James L. Travis

OCCUPATIONAL THERAPY

Occupational therapists are now included in all psychiatric teams so they are active in planning sessions, diagnostic staff meetings, and ward rounds as well as in interdiscipline and staff meetings.

An outstanding event of this year was the completion of the veterans occupational therapy building which is now in full operation. Participation in the programs by both male and female patients is at good level. Also the new Central Occupational Therapy Building which has long been vitally needed, has now been completed and will be officially opened some time in the early part of 1970.

A total of 37 individual occupational therapy programs are operating and 3254 patients participated in the activities last year. Of these, 41% were released from wards either to return home or to commence vocational rehabilitation training programs.

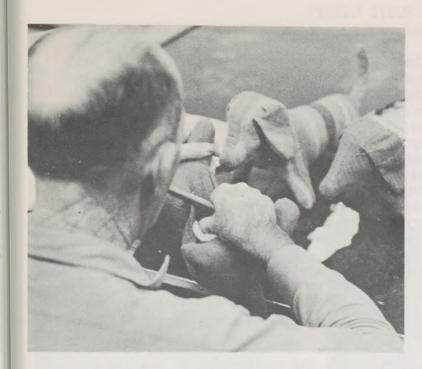
New programs included reorganization of the two upholstery clinics now located in the VR workshop where they function as a combination program of treatment-training. This is the first program of its type initiated at Central State Hospital. Other new programs include those for intensive care patients, one of which is a special project for autistic children and another for a patient who is under plastic surgery.

Patient involvement included emphasis on socializing experience, which was stressed in all regular programs. Activities included furnishing an escort for the patients attending the Christmas parade as well as for those going to the Fair, the circus, the wrestling bouts and on shopping excursions to town. Christmas and other special holidays were celebrated with parties in all the clinics.

A program with emphasis on improving personal appearance is successful as a vital elemant in recovery. Patients were taken to beauty salons and also to the hospital apparel shop where new attractive clothing was available to them. Sessions on grooming, as well as methods of effective makeup preceded the meetings in all female clinic sessions.

A total of 830 articles have been repaired, painted and assigned to various areas in the hospital as a result of the OT programs. The craftwork of the patients was exhibited and sold at meetings of many clubs and organizations, among them being the Crawford Long Hospital Medical Auxiliary, the Newcomers' Club of Athens and the Friendship Club of Macon. Exhibits were also set up in Fellowship Hall in Central Chapel and in the Powell Building lobby.

The present staff was increased during the year by adding an occupational therapist and six occupational therapy aides. Considering the staffing pattern for occupational therapy, an effective coverage of the patient populations has been achieved, although it is meager.







Occupational Therapy has progressed rapidly in effective-ness. At Central State Hospital it is a major program and reaches into every patient area. Illustrated on this page are a few of the activities -ABOVE, LEFT? Stuffed animals, lovingly prepared, are always popular and the children love them. ABOVE: Director Dorothy Clarke is interviewed by a TV newsman. LEFT: A modern, well lighted display room features the new Central Building. BE-LOW: In the old days, the facilities and equipment available left much to be desired.







The decentralization of the music therapy program into the units has resulted in a much better coverage of the patient population than in previous years, thus making the operation more effective therapeutically.

The music therapy program for mentally retarded children was set up as a specialized project and has been extremely effective; but is now basically behavior modification oriented as a result of the present reorganization program which has just been completed in Unit 9. Future emphasis will be placed on a clinical-research program, careful evaluation during every step of development and innovative technics is the use of music as a therapeutic tool.

The director of music therapy is now supervisor of the operation in Unit 8, which is the unit for emotionally disturbed children. The program is particularly focused on those patients who are not allowed to leave the unit and is structured to appeal to both adolescents and smalller children.

The Rivers Hospital, which houses the Medicare Unit, now has the benefit of a full-time music therapy program, initiated recently and greatly appreciated by the patients not to mention the staff who are in agreement regarding the therapeutic benefits that accrue.

A music therapy program in the Binion Building, the maximum security unit, was established for the first time, though on a temporary part-time basis. It is proving to be quite effective and a lot of hidden musical talent seems to be present in this element of the patient population.

The country music program has become so popular that it has been necessary to promote one of the staff members to supervise it. Three staff members now give full time to the program, working out of Central Headquarters Building and covering all the units of the hospital. They work with individual patients and groups in guitar and with related instruments. During the year, several country music sessions with patients participating were held in the auditorium.

Enlargement of music therapy facilities in Unit 4 made available an excellent area for structured dance activities, individual therapy rooms to permit observation of sessions through one-way mirrors, and adequate office space for personnel. Complete built-in risers to improve chorus sessions are also part of the new facilities.

Patients active in music therapy presented several works, all of outstanding merit, during the year. Two of the better known included "The Holy City," and "Messiah," which has become an integral part of the Christmas season at Central State. The performance this year involved 140 patient voices and was hailed by those present as a high-point of musicianship.

The presentation of "The Temple," by Joseph W. Clokey, a composition of the modern school and one demanding superlative technic and

musicianship gave graphic evidence of the quality of the music therapy program.

The department continues the supervision of interns from Florida State University, University of the Pacific at Stockton, California, and Western Michigan University at Kalamazoo. Of eight interns under supervision, one remained on the staff following the completion.

The department now includes 24 full-time therapists as well as 4 positions which are supervisory, Of the total, 10 are registered music therapists.





Central State Hospital has developed one of the outstanding Music Therapy Departments in the country. LEFT: The Director Herbert Goldsmith is an accomplished organist. ABOVE: The Boys' Choir. BELOW: A visiting group provides musical pleasure for patients.



RECREATION THERAPY

The major development in recreation therapy during the year was the decentralization of all personnel to the unit level. The result has been better lines of communication, considerable improvement in individual programs and the availability of increased funds for utilization by recreation therapy personnel.

The department offers a wide variety of recreation services including active to passive activities and projects which relate theory to practise in helping the individual adjust in the large group thus meeting the needs of the majority of the patients. Some recreational facilities, equipment and areas have been improved, but not sufficiently to be adequate for an effective therapy program.

Weekly activities have included large group gatherings of various kinds such as movies, dances, picnics, cookouts, bus rides, all kinds of parties, intramural sports, berry picking trips, and holiday events with all recreation personnel working together. The residents greatly enjoyed these special events which included the Jaycee Fair, wrestling matches and the circus.

Participation in community programs included local high school, college and recreation league sport events, theater productions and other entertainments at the colleges, and several trips were enjoyed to games of the Atlanta Braves by the children in the hospital's Special Education School.

Volunteers from Mercer University, Georgia College at Milledgeville, churches and civic clubs gave valued assistance and succeeded in making recreation activities more meaningful to patients in a number of the units. These college students were tireless in trying to help the patients and were surprisingly effective.

Small group activities included Scout programs in two of the units with uniforms and camping equipment being provided by the recreation department, through the unit budgets. Both groups have taken several camping trips to the state farm. Small group activities are also utilized in other units because they provide more concentrated therapeutic value than large group programs. An example is the program being conducted for blind women. which teaches them to see using their hands, feet and ears. Another such program gives pleasure to a group of older women in a "Golden Agers Club," by keeping them useful in such activities as bicycle riding and socials with a community club with similar makeup and purpose. Various types of night club parties have also proven successful with the older women.

Bruce R. Prosser, recreation therapy director, was named president of the Georgia Recreation Association. Staff members participated in the National Recreation and Park Association Conference in Seattle, the Ninth Southern Regional Institute on Recreation which was held at Chapel Hill, N.C., a post-graduate training course aim-

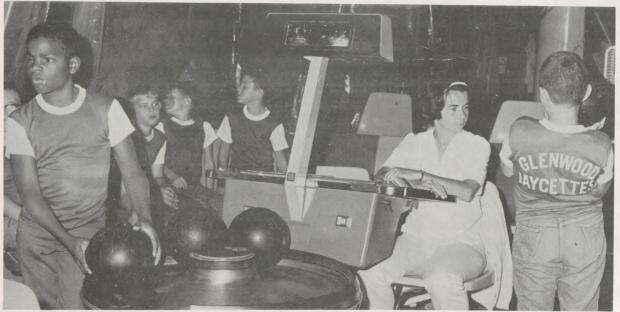
ed at providing the participant with adaptive physical education and recreation therapy technics for the physically handicapped child and from which came ideas for adaptive table games for patients who were in a similar situation.

Recreation therapists also provided lectures for student nurses, conducted tours and seminars for visiting recreation therapists from other institutions and provided a quarterly seminar for Georgia University community recreation interns.

Hospital internships have been provided for recreation students from Florida State University, University of Georgia, Georgia Southern College and Indiana State University.

It has been a year of progress; however, constant evaluation and analysis of recreation therapy programs will continue so that future activities may be based on actual results achieved in assisting residents to return to their home communities as rapidly as possible.





VOLUNTEER SERVICES

A wide variety of services through the use of volunteers is supplied to the patient population by the department. Garden Therapy which is supervised by members of the Milledgeville Garden Clubs continues to be one of the most beneficial activities. Twelve clubs with patients as members engage in activities all of which are designed to provide socializing experiences for the residents. They include flower growing, landscaping, trips, picnics and indoor activities if the weather does not permit the patients to be outside.

The new rehabilitation park now under construction will meet the need for central recreation facilities in this area. The cost of the facility is to be met by the Garden Clubs of Georgia as a state project.

Georgia hairdressers, members of the Georgia Hairdressers & Cosmetologists Association provided many services to patients as a feature of National Beauty Salon Week. Their fourth annual trip resulted in 337 patients receiving a wide variety of services all of which were greatly appreciated. Taking part were 112 hairdressers who represented 14 different affiliates.

Art therapy expansion is bounded only by the availability of artists to teach the courses. These volunteer artists have been of immense benefit to patient therapy and, in several instances, have enabled patients with budding talent to become quite proficient in the medium.

Volunteers in recreation come mainly from the nearby educational institutions such as Mercer University and Wesleyan College in Macon and the Georgia College at Milledgeville. These young people seem to establish excellent rapport with patients through work in the recreational settings on the wards.

Alcoholics Anonymous continues the weekly programs under the alternating sponsorships of six groups in the central Georgia area. An average of 100 patients attend each meeting. About 75% of the speakers are former patients of this institution.

Student psychology volunteers from surrounding colleges have effectively worked in behavior modification treatment programs resulting in exceptional achievement with adults and children who are emotionally disturbed and others who are mentally retarded. Outstanding results were obtained with a special group of mentally retarded residents in toilet training, improvement in eating habits, and in personal hygiene as well as in general conduct.

The Apparel Shop provides personal clothing for needy residents, a service which part of their therapy program. Clothing is also furnished to those who are being transferred to other states, placed on convalescent leave or sent to nursing homes

The Forgotten Patient program assists 250 patients who have no family or friends through the efforts of 271 sponsors. The program benefits a large number of lonely people who are remembered by the sponsors on special days and by other thoughtful acts of kindness.

The Patients' Library has acquired a model collection of volumes numbering 4000 and costing \$12,000 which amount was obtained through a Title 1V-A grant. The library is operating on a temporary basis in the 28th.Ward. Additional furniture is now on order, the funds being made available through another grant.

The Christmas program was again under the sponsorship of Georgia mayors, members of the Georgia Municipal Association, who for a number of years have provided most of the Christmas gifts for the residents. Some 30,000 gifts resulted ensuring that none of the patients were forgotten.

The Hoxie Brothers Circus which annually entertains the patients came this year as the result of a fund drive by radio station WSB in Atlanta, which raised enough money to pay not only for 1969, but for 1970 and 1971 as well. A total of \$4417 was donated by 1278 givers.

Varied entertainment programs were presented by community organizations including high schools, colleges, civic clubs, churches and mental health associations. An Assistant Director of Volunter services was added during the year thus allowing much better oversight of existing programs, as well as expanded programs in some new areas.



Latest project of Garden Club of Georgia, Inc., is this \$30,000 Recreation Center. Landscaping will include special plants grown for blind patients.

PERSONNEL DIVISION

On June 30, 1969 there were 3833 regular employees on the staff, an increase of 188 over the total employed at the same date at the end of fiscal year 1968. The largest gains were in the sub-professional nursing and in the service categories, with modest increases in number of physicians and clerical and managerial employees.

On October 16, 1968 an adjustment in the Merit System pay scale was effectuated which provided a one step increase in salary applying to the majority ofemployees. Also, during the year a number of position classes were re-assigned to higher pay grades thus providing an additional salary adjustment for many employees, mostly for the physician category and the trades, crafts and mechanical areas.

During fiscal 1969, all minimum salaries were adjusted in order to comply with the requirements of the Fair Labor Standards Act. In this case, the adjustments affected approximately 300 employees and elevated the lowest entrance salaries from \$200 per month to the amount of \$231 per month. Budgetary plans were made for an additional adjustment during fiscal 1970 in the minimum salary scales.

The following is a tabulation of personnel actions during 1969.

Appointments 1114
Transfers 620
Promotions 453
Demotions 54
Separations 834

including

655 Resignations
77 Dismissals
28 Deaths
24 Transfers to
other agencies
50 Retirements

Rate of turnover 21.7%

A figure obtained by subtracting separations from appointments, though significant, will not balance with the change in total listing of employees, since the latter is based on regular employees in pay status and does not include those on various types of leave not receiving pay or employees on hospital stipends. A tabulation which shows hospital personnel by type follows.

CENTRAL STATE HOSPITAL PERSONNEL WORK FORCE

| | 6/30/60 | 6/30/67 | 6/30/68 | 6/30/69 |
|---------------------------------------|---------|---------|---------|---------|
| TOTAL | 2280 | 3279 | 3645 | 4072 |
| Physicians | 45 | 92 | 96 | 103 |
| Dentists | 5 | 8 | 6 | 6 |
| Nurses | 79 | 109 | 112 | 111 |
| Therapists | 4 | 17 | 18 | 21 |
| Engineers | 4 | 5 | 4 | 7 |
| Sanitarians | | 2 | 2 | 1 |
| Physical Scientists | | 7 | 7 | 8 |
| Nutritionists | 2 | 1 | 3 | 3 |
| Education and Information Specialists | | 2 | 2 | 8 |
| Psychologists | 4 | 8 | 9 | 7 |
| Social Workers | 5 | 14 | 16 | 20 |
| Other Professionals | 3 | 18 | 17 | 23 |
| Semi-Professional and Technical | 1410 | 1805 | 2006 | 2095 |
| Managerial | 9 | 17 | 22 | 34 |
| Clerical | 137 | 222 | 281 | 307 |
| Agricultural | 73 | 32 | 32 | 12 |
| Trades, Crafts and Mechanical | 184 | 296 | 313 | 238 |
| Personal Services | 211 | 301 | 354 | 713 |
| Manual Labor | 105 | 321 | 343 | 346 |

EDUCATION AND TRAINING

During the past year, accredited training programs continued in psychiatry, pharmacy, psychology, social work, clinical chaplaincy, music therapy, occupational therapy and recreation. For information on these programs, see the reports of the individual departments.

In medicine, a senior resident in Ophthalmology from Mayo Clinic in Rochester, Minnesota, rotates through the hospital's Ophthalmology department every three months for special training in eye surgery and other technics. Since the program started in October, 1964, Mayo Clinic has been eminently satisfied with the training given the residents.

Affiliated programs with nursing schools to furnish student nurses with a three month training course in psychiatric nursing procedures and technics continue as do training classes for aides and similar sub-professional personnel. Considerable attention by all professional departments has been given to the development of effective in-service training and orientation programs and this is now producing results.

PSYCHIATRIC RESIDENCY TRAINING

The residency training program in psychiatry at Central State Hospital is a fully accredited three-year training course with opportunities for ten new residents per year for a maximum of 30 at any time. Emphasis is placed on developing sound understanding of the dynamics of human personality and behavior and the role of emotions therein.

The program includes administrative experience in both community mental health and institutional settings, as well as consultation in a variety of situations and prepares the resident to obtain certification by the American Board of Psychiatry and Neurology, after completing the required two years of experience.

The program originated in January 1964 and has been fully accredited since then. The total number of graduates from December, 1966, to June 30, 1969, is 25 and of this number, 18 have remained at this hospital. An additional four graduates have accepted positions within Georgia's mental health program, thus only three out of 25 graduates have left the state.

Quality of the new residents has continued at a high level. Perhaps some of this can be attributed to the wide range of services at Central State, thereby affording the resident experience in any area of psychiatry in which he may eventually desire to specialize.

MEDICAL LIBRARY

The Medical Library continued to expand and now has 5,029 books with additional volumes being added regularly. On hand also are 150 journals and periodicals.

MEDICAL RECORDS

This department is now able to state that its medical records are up to date and completely current as to dictation as well as in completion of patients' charts on both admissions and dismissals. There is not a single delinquent record which is a rather unique situation in any hospital. The Medical Records Committee meets monthly to examine the quality of ward records which is done by the spot-check method.

Admissions and communications have now become the responsibility of Medical Records, so the patient is interviewed as admitted by the admitting clerk, thereby making it possible to obtain all the necessary information sooner than previously. Personnel in the department function on a 24 hour basis.

There is constant effort to upgrade the quality of all the medical records in the hospital, utilizing new technics as they are made available. The installation of the new computer will greatly facilitate the work of the department. The records at the General Medical-Surgical Hospital and at the Medicare Unit are also up to date.

CURRENT RESEARCH

Current Research includes completed projects, resulting in published papers in professional journals, and projects still under way, which will probably be completed within the year. Those listed are summarized in the September 1969 issue of the hospital's Research Bulletin and copies are available by writing to the Public Information Office or to the author.

CLINICAL PSYCHOLOGY

Impression Formation in Schizophrenics and Normals, by Martin F. Rosenman, a doctoral dissertation Relationship Between Two Quick Screening Measures of Intelligence for Neuropsychiatric Patients, by Lawrence F. Quattlebaum and William F. White, Pub. Psychological Reports, 1969

MENTAL RETARDATION, UNIT 9

Judotherapy in Emotionally Disturbed Childrenm Juan M. Portuando M.D. and Gilbert J. Fitzsimmons

SPECIAL EDUCATION SCHOOL

<u>Development of Perceptual Motor Skills and Coordination in</u>
<u>Relation to Academic Progress in Special Education Students</u>, by
<u>Russel Henderson</u>

DENTAL DEPARTMENT

Reimplantation of Teeth in Mental Patients, by Philip Spence, D.D.S.

CHAPLAIN SERVICE

An Analysis of the Pastoral Interviews of a Group of Mental Hospital Chaplains, by John A. Gleason. Pub., Journal of Pastoral Care 23: 97-102., 1969.

RESEARCH DIVISION

Control of Pancreatic Zanthine Dehydrogenase Synthesis in the Chick, by J. L. Curtis and J. R. Fisher. Submitted for publication to Biochemica, Biophysica Acta.

Fluorometric Assay for Chymotrypsin Using Tyrosine Ethyl Ester, by Jerry L. Curtis. Submitted to Analytical Chemistry

Spectrofluorometry of Dihydroxyphenylacetic Acid in Urine, by Theodore J. Mellinger, M.D., and Eigill F. Hvidberg, M.D.

<u>Biochemical Studies of L-Dopa in Patients With Parkinson's Disease</u>, by Theodore J. Mellinger, M.D.

Prevalence of Refractive Errors in an Institutionalized Population of Emotionally Disturbed and Mentally Retarded Children. (A Preliminary Report), by G. R. Courtney, M.D.

Color Vision Defects in Mentally Retarded Children, by G. R. Courtney, M.D.

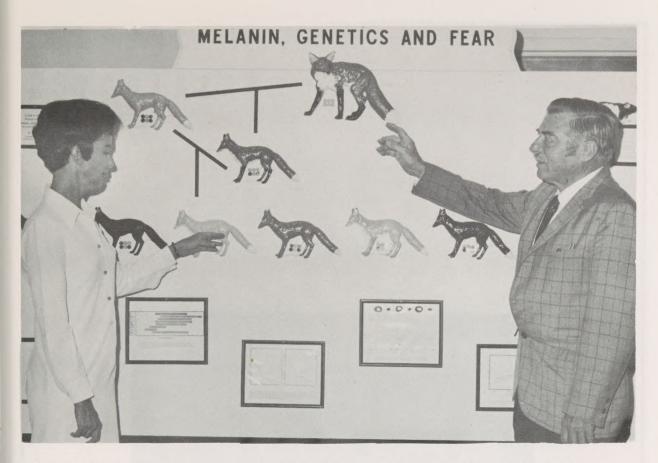
Motorcycle Visibility. A Study of Retro-Reflectorization, by G. R. Courtney, M.D., R. D. Hazlett, A. F. Stockley and M. J. Allen To be published, American Journal of Optometry and Archives of The American Academy of Optometry, 1969.

Testing Visual Acuity in the Mentally Retarded, by G. R. Courtney, M.D..

Description of the Cuna Albino Syndrome, by Clyde Keeler, Sc.D., Ph.D.

Fingertip Temperature of Albinos, by Clyde Keeler, Sc.D., Ph.D.

How Many Syndromes, A Discussion, by Clyde Keeler, Sc.D., Ph.D.



The Georgia red fox is an effective test animal for the psychotropic drugs



The Medical Library includes 3,450 books, 425 audiotapes and 180 journals

GENERAL **PSYCHIATRIC**



New psychiatrists graduate

UNIT 1 - Atlanta Metro Area

UNIT 2 - 45 Southwestern Counties

UNIT 3 - 38 Southeastern Counties

UNIT 4 - 28 Northwestern Counties UNIT 5 - 45 Northeastern Counties

BUILDINGS: Powell (1858 - remodeled 1955), Walker (1883). Green (1947), 10th. Ward (1938)

NUMBER OF WARDS: 13

PATIENT CENSUS (June 30, 1969): 1226

ADMISSIONS: 1055

DIRECTOR: W. T. Smith, M.D., (Acting)

ADMINISTRATOR: James Tate

DIRECTOR OF NURSING: Mrs. Juanita Watson, R.N.

COUNTIES SERVED: (3): Fulton, DeKalb and Clayton

Since this Unit receives all patients coming from the Atlanta Metropolitan Area, it is one of the largest in the hospital. The main administrative offices of the institution are located here and it also is the basic training Unit for Psychiatric Residents during the initial two years of their residency. This results in better treatment, since the work of all residents is supervised by the Unit physicians and more doctors are thus available.

The Unit maintains an excellent working relationship with County Community Mental Health Centers in Fulton, DeKalb and Clayton and in many instances treatment offered at the community level prevents the hospitalization of the patient as well as assisting the patient discharged from Central State Hospital to remain in the community.

A recent study done by the Industrial Engineers points up a projected population increase in the next few years which will necessitate a possible readjustment of facilities and realignment of county catchment areas in the near future. Since the anticipated population increase in the Atlanta metropolitan area will be considerably higher than in other parts of the state, this unit will be one of those first affected by increasing admissions.

Continued modernization of equipment and preventive maintenance, which has always been a problem in our old buildings, has vastly improved environmental conditions; however there is still a long trail ahead before this is adequate in light of modern milieu programs. It also has been possible to considerably reduce the average length of hospitalization because of a lowered staff-patient ratio which while not adequate by any means, has improved somewhat.

Close working relationships between the Unit and the Atlanta Institutions including the Georgian Clinic, the Georgia Mental Health Institute and the new Atlanta Regional Hospital have been helpful.

BUILDINGS: Bostick (Const. 1951) and Washington (Const. 1950)

NUMBER OF WARDS: 20

PATIENT CENSUS (June 30, 1969): 1428

ADMISSIONS: 1019

DIRECTOR: Eduardo Guernica, M.D.

ADMINISTRATOR: Paul W. Mitchell

DIRECTOR OF NURSING: Mrs. Fay Fidler, R.N.

COUNTIES SERVED: (45) Bibb, Crawford, Peach, Houston, Taylor, Macon, Dooly, Pulaski, Chattahoochee, Marion, Schley, Sumter, Crisp, Wilcox, Stewart, Webster, Cook, Quitman, Randolph, Terrell, Lee, Worth, Erwin, Turner, Calhoun, Ben Hill, Dougherty, Berrien, Early, Miller, Baker, Mitchell, Colquitt, Seminole, Clay, Tift, Grady, Thomas, Brooks, Muskogee, Lownder, Lanier, Echols, Decatur, Harris.

This unit operates both male and female admission wards, also intensive treatment and continuous treatment wards and sick wards. All of the male patients are housed in the Bostick Building and all females are housed in the Washington Building.

Admissions come from the 45 counties in the southwest section of the state. For the first part of the year new admissions were on the decline and averaged about 100 per month; however, as the two counties of Harris and Muskogee were added to the geographical area which the unit serves in the month of January, since then admissions have increased.

Psychiatric treatment and patient care utilizes all proven techniques; however, this year more emphasis has been placed upon milieu therapy, primarily on the intensive treatment wards and it has seemed to be effective. Some expansion of service by the special therapies has helped considerably with the continued treatment patients. A constant problem in maintaining effective patient care is compounded by losses, particularly of psychiatric residents and registered nurses.

Equipment and supply funds for this year were adequate. Replacement of beds was completed throughout the unit. It was also possible to completely equip the new female receiving complex with office and patient examining equipment. The program of replacement and modernization of all equipment continues.

BUILDINGS: Holly (1949), Ingram (1928), Howell (1939).

NUMBER OF WARDS: 20

PATIENT CENSUS (June 30, 1969): 1314

ADMISSIONS: 1076

DIRECTOR: Jose A. G. Mendoza, M.D.

ADMINISTRATOR: R. O. Pennypacker

DIRECTOR OF NURSING: Mrs. Frances Osborn, R.N.

COUNTIES SERVED (38): Richmond, Jefferson, Burke, Johnson, Treutlen, Emanuel, Jenkins, Screven, Laurens, Charleton, Effingham, Wheeler, Toombs, Candler, Bleckley, Montgomery, Tatnell, Bullock, Coffee, Chatham, Atkinson, Long, Camden, Evans, Jeff Davis, Liberty, Brantley, Dodge, Telfair, Bacon, Wayne, Appling, Pierce, McIntosh, Bryan, Ware, Glynn, Clinch.

The unit census continues to decrease with a net reduction of 75 patients on the "in hospital" census during the year as opposed to the previous year when a reduction of 171 patients was attained. The deceleration is attributed to a near capacity situation at the regional hospital at Thomasville (Southwestern), as well as to a diminishing number of nursing home candidates in the unit. Limited reduction in the census negated a plan to release the Ingram Building.

Ward areas have been improved and square footage of space allowed each patient has been increased. All wards were renumbered in order to conform to the institutional standard system. Installation of modern equipment continues, as does general building improvement and ward renovation. A new dental operatory was installed in Holly.

Registered nurse staffing remains critical. Removal of the residents in psychiatry has increased the work load on the two remaining psychiatrists. Admissions averaged 92 per month as against 99 in the previous year. Returns averaged 66 per month this year as opposed to 64 per month in fiscal 1968.

The nucleus of a housekeeping staff has been assigned and staffs of the dining rooms have been transferred to Food Service. The costs of drugs have increased due to higher prices as well as to increased quantities dispensed to patients who are receiving after care treatment in community clinics. Due to a lack of assigned staff, the program of Remotivation Therapy was limited in scope. Next year, it can be stated that this program will be adequately staffed.

BUILDINGS: Freeman (1939), Arnall (1939 - new addition 1962).

NUMBER OF WARDS: 17

PATIENT CENSUS (June 30, 1969): 1543

ADMISSIONS: 1248

DIRECTOR: William E. Wood, M.D.

ADMINISTRATOR: William Curl.

DIRECTOR OF NURSING: Mrs. Ruth Mullis, R.N.

COUNTIES SERVED (28): Catoosa, Walker, Whitfield, Murray, Dade, Gilmer, Chatooga, Floyd, Gordon, Bartow, Pickens, Cherokee, Haralson, Paulding, Cobb, Polk, Carroll, Douglas, Heard, Coweta, Fayette, Talbot, Spalding, Meriweather, Troup, Upson, Pike, and Lamar.

Admissions come from 28 counties in the northwest corner of Georgia. All patients have had the benefit of accepted scientific medical approaches, namely diagnosis, treatment, prognosis and satisfactory emotional disposition, not only of their particular mental difficulty but also of any physical disability or disease existent at admission or developed during the course of hospitalization.

There has been increased liaison with regional mental health resources such as community clinics, regional hospitals, and out-lying mental health organizations in order to encourage community contacts with patients so that treatment may be continuous after the patients are discharged, or sent home on convalescent leave

Separation of patients in accordance with diagnostic entity gave much better treatment coverage of the patient population. Regrouping of all bed patients has made possible the setting up of a specialized ward for the treatment of physical illness within the confines of the unit area, thereby making more efficient use of personnel trained in this type of treatment.

Goals for the coming year include the continuation of the equipment modernization program, constant improvement of patient residential areas, the establishment of a closer working relationship within the unit as well as with the local communities, further effort to improve staffing patterns, thereby providing better patient care and treatment, the development and utilization of new and tested methods of psychiatric care as they become available. Careful evaluation and analysis of existing programs, along with meaningful basic research, will provide factual information for the improvement of all unit operations.

BUILDINGS: Allen (1939), Whittle (1901 - remodeled 1953).

NUMBER OF WARDS: 18

PATIENT CENSUS (June 30, 1969): 1303

ADMISSIONS: 1165

DIRECTOR: Lorenzo del Portillo, M.D.

ADMINISTRATOR: Thomas A. Simmons

DIRECTOR OF NURSING: Mrs. Mildred H. Daniel, R.N.

COUNTIES SERVED (45): Fannin, Union, Towns, Rabun, Dawson, Hall, Elbert, Lumpkin, White, Habersham, Banks, Henry, Forsyth, Stephens, Franklin, Gwinnett, Barrow, Jackson, Madison, Hart, Rockdale, Walton, Newton, Oconee, Clarke, Oglethorpe, Wilkes, Glascock, Lincoln, Talliaferro, Greene, Butts, McDuffie, Jasper, Putnam, Hancock, Warren, Washington, Monroe, Jones, Baldwin, Wilkinson, Columbia, Twiggs, Morgan.

Admissions come from the above 45 counties in the northeastern division of Georgia which is the more mountainous section of the state's terrain. During the year several members of the unit's staff visited after care clinics and nursing homes in the area to improve communications between these facilities and the hospital, as well as to improve the continuous care of patients after discharge or when allowed home on convalescent leave.

The treatment program in the unit has improved materially during the past year. Another active milieu ward has been added and a newly organized program for the preparation of patients who are candidates for nursing homes in now operative. Two adult education classes have been established for both male and female patients.

Two wards have been closed because of a reduction in the patient population of 154 patients during the year, accordingly Whittle Z as well as 28th. Ward are now inoperative, decreasing bed capacity 117.

Physical improvements in the unit include the completion and operation of the Home and Family Management Classroom, the replacement of the wooden doors in the Whittle Building by fireproof metal doors and the sealing of all the concrete floors in the unit which permits greatly improved cleaning operations.

Goals for the coming year include an orientation technic program for chronic patients and OT and Recreation on the closed wards.

SPECIAL PSYCHIATRIC UNITS

UNIT 6 - Veterans

UNIT 7 - Maximum Security

Unit 8 - Children and Adolescents, Special Education School

UNIT 9 - Mental Retardation

UNIT 10 - Yarbrough Vocational Rehabilitation Center

PHYSICAL HEALTH BUILDINGS: Cabiness (1901 - remodeled 1953) Carl Vinson Georgia War Veterans Home (1969)

RESIDENT PATIENTS (June 30, 1969): 427

ADMISSIONS: 97

DIRECTOR: Carl L. Smith, M.D.

ADMINISTRATOR: George R. Hart

DIRECTOR OF NURSING: Mrs. Edna Ross, R.N.

COUNTIES SERVED: The State of Georgia

The outstanding event of the past year was the completion of the new Carl Vinson Building which was formally opened on April 29, 1969. It is a 150 bed capacity domiciliary, has two elevators, three stories, is fully air-conditioned and contains 41,000 square feet. The ground floor is used for administration, dining area, and a 10 bed unit for women. The second and third floors are mens units with a capacity of 70 beds each. The bedroom areas are designed to accommodate one, two or four persons. It was built at a cost of \$870,000 and has all modern equipment.

A number of changes have materially contributed to the improving treatment program by increasing the number of personnel and by renovation of the physical facilities. A recreation building was made available for both recreation and occupational therapy and is now operating five days a week. Other improvements included the completion of three central storage and supply rooms in the Cabiness Building, the construction of a central drug issue room, and the conversion of a significant number of offices, storage rooms etc. in this building into bedrooms for patients

Other improvements in the physical plants included the installation of tile on all the first floor hallways in the Cabiness ward areas, spot painting of all hallways and new light fixtures installed in bathrooms in Cabiness, elimination of open wards on both the second and third floors in Cabiness, thereby giving each patient a private room. Patients' rooms were equipped with new beds, tables, mattresses, wardrobe lockers and chairs.

Around \$40,000 was spent for new equipment during the year. Medicine cabinets and carts purchased for all wards in Cabiness, also a refrigerator in all medicine rooms, medicine cabinets and carts were supplimented with other badly needed supplies. Also purchased were a number of special chairs including wheelchairs and geriatric chairs, most of which were provided for the nursing ward in the new veterans building.

UNIT 7 MAXIMUM SECURITY

BUILDINGS: Binion (1946)

RESIDENT PATIENTS (June 30, 1969): 268

ADMISSIONS: 283

DIRECTOR: E. L. Stincer, M.D.

ADMINISTRATOR: Calhoun Berry

DIRECTOR OF NURSING: Mrs. Juanita Watson

COUNTIES SERVED: The State of Georgia

During the past year the Binion Building became Special Unit 7, with responsibility for psychiatric treatment of court offenders who need a maximum security setting. Admissions totaled 283, there were a total of 258 patients discharged, 62 patients received from other hospital units and 67 transfers to other hospital units.

Music therapy was added to the treatment program and a number of additional jobs became available for work therapy purposes. The therapy program now includes chemotherapy, group psychotherapy, individual psychotherapy, milieu therapy, recreation therapy, work therapy and music therapy.

Plans for the future include the completion of the laundry which is now under construction and which will provide additional opportunities for work therapy, the addition of a senior physician for increased psychotherapy, the initiation of a Remotivation program and a significant expansion of all other therapy programs.

The greatest need is for central air conditioning since most all of the patients stay indoors during the hot summer months.





Veterans Building dedication day personalities. Governor Maddox chats with Congressman Carl Vinson. Right: Representative Philip Chandler

UNIT 8 CHILDREN AND ADOLESCENTS

BUILDINGS: Children's Rehabilitation Center (1964) Adolescent Wards 7 & 8, Boland Building (1969)

RESIDENT PATIENTS (June 30, 1969): 99

ADMISSIONS: 209

DIRECTOR: Juan Portuando, M.D.

ADMINISTRATOR: Tommy Bush

DIRECTOR OF NURSING: Mrs. Mary Ann Bell

COUNTIES SERVED: The State of Georgia

This unit includes the Children's Building with a capacity of 56 patients and the two adolescent wards in the Boland Building with forty beds on each ward. Adolescent Ward 7 is occupied by males and Adolescent Ward 8 by females.

During fiscal 1969 there were 71 children admitted to the Children's Building. Of these 23 went to the wards for adolescents, while 17 were sent home on convalescent leave. Five of these later returned to the hospital. Admissions to the wards for adolescents amounted to 161 patients. Sixty-six of these were sent home on convalescence, of which 10 eventually returned to the hospital.

Each discipline in the unit is assigned certain specific individuals to work with thereby allowing each young patient a significant concentration of staff time in supportive and therapeutic functions. The social workers have been very successful in locating good foster homes for some of our young patients, as well as in working out successful pre-release planning for those with families. The psychologists are supervising an effective behavior modification program with those young people who can be benefited thereby.

A well organized program of recreation therapy includes such activities as swimming, horseback riding, ball games, picnics, tennis, billiards, bicycle riding, judo therapy (a program which received an exceptional quota of national publicity), Cub Scouts and individually taught art classes. At Thanksgiving and Christmas almost all the children went home.

A growth and development program organized by the staff was successful in teaching the children about the body and its functions as well as informing them by the use of films, film strips, printed material and group discussions of correct life experiences. R. Lanhams Logan, a speech therapist from Mercer University in Macon came weekly with students who worked with children with speech defects.



Therapy



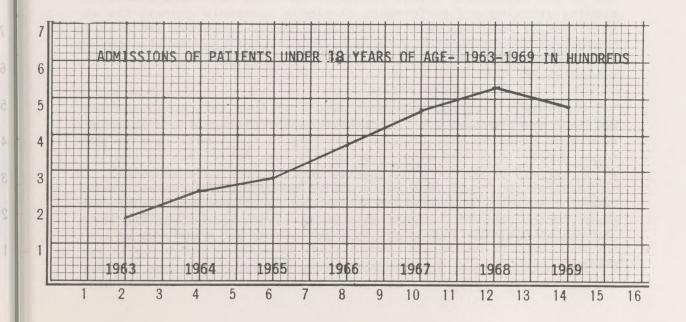
Mental



Loving, tender care



Physical



UNIT 9 MENTAL RETARDATION

BUILDINGS: Boland (1951), Boone (1952)

RESIDENT PATIENTS (June 30, 1969): 854

ADMISSIONS: 133

DIRECTOR: Salvador Mendez, M.D.

ADMINISTRATOR: Bobby Sheppard

DIRECTOR OF NURSING: Mrs. Virginia Smith, R.N.

COUNTIES SERVED: The State of Georgia

The specific function of this Unit is the care, treatment, education and training of those persons whose primary impairment is Mental Retardation. The primary goal is to provide an interim experience that will enable the residents to develop their fullest potential at physical emotional, spiritual and social levels regardless of degree of handicap.

Basic programs for residents of the unit are supervised by a coordinator under whose direction three teams which include all disciplines are assigned, one to each major classification of retardation namely severe, moderate, and mild. An additional team is assigned to the residents in the medicare program.

Severely retarded residents live in an extremely structured situation involving continuous and consistent repetition. The functional level is determined by a behavior checklist which in turn indicates the amount of involvement by each discipline in the daily schedule of the residents. Actual treatment involves self-management, including grooming and performance of simple household chores; the acquisition of language skills, which are mostly receptive and tied to biological reinforcers; the improvement of motor coordination and to help the resident interact with others. Recreation is at the nursery school level.

Moderately retarded residents also live in a structured environment and are provided with basic self-care training. In addition all have been homogeneously grouped according to functional levels, physical capabilities and other characteristics. Activities on the level of nursery school or kindergarten include self-care behaviors, in toilet training, self feeding, dressing and household chores; verbal behavior such as functional receptive and functional expressive language, motor behavior, academics such as single word identification, and social behavior including group activities and simple games.

The ultimate goal for the moderately retarded residents is eventual community living in a sheltered environment

Mildly retarded residents live in a planned environment in which the ultimate goal is eventual discharge to the community. Treatment follows the same pattern as for other groups but is at a much more complex level. Academics, for instance, includes reading and arithmetic as well as other basic school subjects.

The reorganization of this unit as described went into effect in fiscal 1969 and has proved very effective in reaching the goals outlined. As an example of the professional competance of the programs, we are including a detailed explanation, with graphs showing results of the behavior modification technics being employed by the psychologists in the unit. The graphs of the results are far more descriptive than the written word. Many of these results with the severely retarded children were attained, moreover, with most of the work being done by volunteer students supervised by a psychologist, and the summer students from a nearby university.

THE BEHAVIOR MODIFICATION PROGRAM IN UNIT 9

The behavior modification program in the Unit began as an experimental project in the summer of 1968, under the supervision of Dr. Jean Hendricks, Chairman of the Psychology Department at Mercer University at Macon. She used a group of her psychology students in training twenty severely retarded boys and girls whom nobody else had been able to help because of the lack of available staff. The rapid expansion of the program and its effectiveness was also due to the training ward personnel received, and which enabled them to continue with the children after the students went back to school.

Starting with one ward, the program now includes two wards operating on the token economy system and five wards of partial training in self-help skills, toilet-training and a pre-school nursery training program for young children. The success of the programs is mainly the result of a team approach and a spirit of cooperation characterizing the reorganization program in this unit.

The most recent program is the self-feeding project on a ward of severely retarded adult females. FIGURE 1 shows dramatically the decrease in the number of times in which the patients displayed eating behavior which was inappropriate_picking up food with the hand. Not shown in FIGURE 1 is the far more dramatic change from conditions of total confusion at mealtime to an orderly routine. No longer is it a necessity for the attendants to clean up the entire ward after every meal.

The original and primary goal of the program on Boone 8, the experimental project initiated by Dr. Hendricks was on toilet-training the children, but several other programs were instituted which moved along very nicely. FIGURE 2 shows the progress made in 5 separate areas of self-care behavior. Although the data provide an accurate evaluation of the results of the program, the actual changes that are evident in the children far exceed those which are apparent in these graphic studies.

In addition to ward programs, individual programs are set up for patients who require special treatment. Unfortunately the number possible is very limited due primarily to limitations in staff. FIGURE 3 demonstrates the effectiveness of individual sessions in instituting talking in a mentally retarded child. Many more individual treatment sessions are needed and will be initiated as staff time permits. The individual sessions have also been successful in changing many other forms of more complex behaviors.

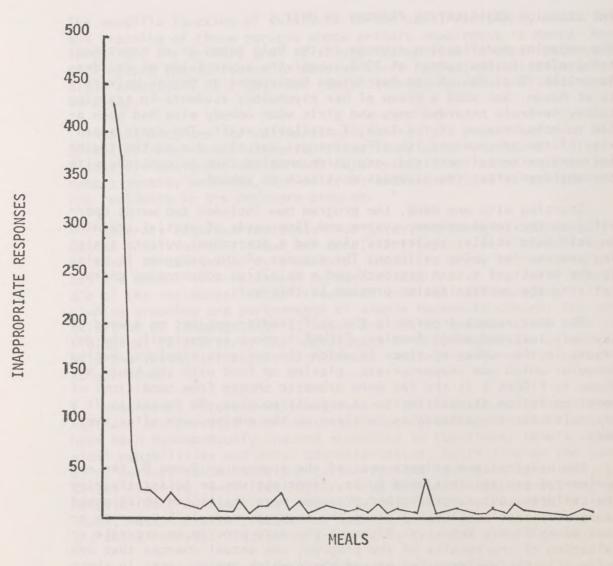
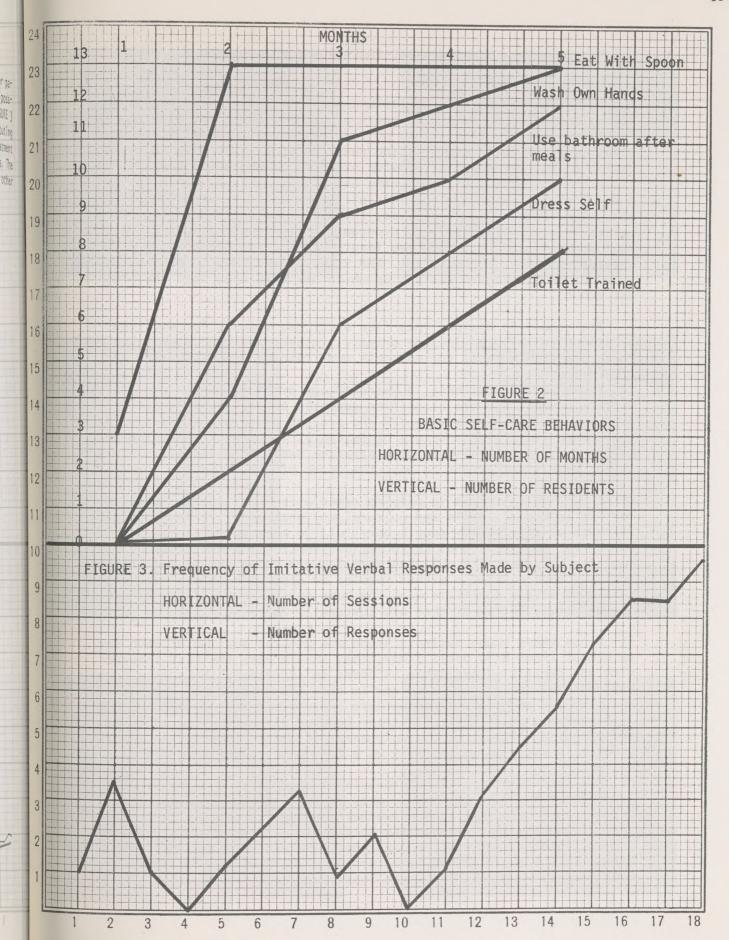


Fig. 1 INAPPROPRIATE EATING BEHAVIOR



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A progressive increase in admissions to state and private mental institutions of young people 18 years of age and under has occurred in the last six years. The extent of the increase at Central State Hospital is graphically shown on the chart on page sixty-five. A realization of the necessity to provide programs of special education and training for these youngsters came early to the CSH staff so in 1964 a pilot project was started. Initially, six children and two special education teachers were involved, the object being to determine if a carefully structured academic program closely paralleling the treatment program would cut down the length of time the children were required to stay in the hospital. The study proved this to be the case so a permanent program was set up which has developed into the present school.

The school is divided into five sections. Classes for emotionally disturbed children include primary, intermediate and high school. There are also classes for educable and trainable mentally retarded.

There are 720 patients 18 years of age or under in the hospital. Of this number, 430 are classified educable or trainable, and 160 of these are in school, leaving 270 who are not being helped because of inadequate facilities and lack of teachers. The present teaching enrollment totals 19, with 7 administrative assistants and aides. This is not nearly sufficient to meet the needs of the children.

The school attempts to provide remediation in academic needs, as well as in social skills and cultural enlightenment. It is "special" insomuch as the faculty adopts curricula to meet specific needs evidenced by the exceptional child, either emotionally disturbed or the mentally retarded. The children enrolled are those who failed in the public school classes - either regular or special - or who were possessed of severe conflicts with the home environment and/or society. Approximately 80-85% of them are culturally deprived.

Since these young patients spend the greater portion of each day in school (from 8:30 until 3:00), they should have the best instruction and facilities available in order to supplement their many educational and social handicaps and to help them become the completely well-rounded and socially acceptable individuals that most do become with adequate psychiatric treatment coupled with effective education and training. Because of the uniqueness of these students the school program is designed essentially as a treatment-education project.

The curricula consists of the classical studies as well as physical education, home economics, art, crafts, speech improvement, remedial reading and music. The teacher develops guidelines structured on individual bases, paces tasks to individual tempos and structures the environment for behavior management and modification. All credit earned by the child may be transferred to the home school. Teachers meet minimum requirements of the State Department of Education.

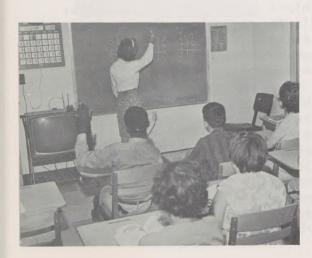






Special Education demands competant teaching, a carefully structured curriculum, a lot of patience, mixed with plenty of understanding and an over-abundance of that old-fashioned, but priceless human ingredient called love







UNIT 10 YARBROUGH REHABILITATION CENTER

BUILDINGS: Yarbrough (1962), Various work centers around the hospital

RESIDENT PATIENTS (June 30, 1969):259

ADMISSIONS: 1401

DIRECTOR: Hollis C. Miles, M.D.

ADMINISTRATOR: Levi Swinger

DIRECTOR OF NURSING: Mrs. Janet Smith, R.N.

DIRECTOR OF VOCATIONAL REHABILITATION SERVICES: W. C. Petty, A.B.

COUNTIES SERVED: The State of Georgia

The Unit is operated jointly by Central State Hospital which has supervision of the psychiatric treatment program, and the Division of Vocational Rehabilitation of the State Department of Education, this latter having supervision of Vocational Evaluation and Counseling, a Work Evaluation Training Center, and a Vocational Training school.

During the year 1401 patients were added to the case loads of VR counselors at Central State Hospital. A total of 1881 residents were enrolled in various vocational training and adult basic education units. All patients entering the programs received vocational evaluation and, in addition, adjustment training services were supplied to more than 2000 patients through the Work Adjustment Patient Rehabilitation Employment Program.

PREP, as this program is called for short, is a new and recently instituted program of behavior work development which uses money for an incentive and, at the same time, places the patient in realistic, therapeutic work environments. Patients graduating from the programs receive follow-up services from counselors in their home communities through rehabilitation residence facilities throughout the state. As a total of 879 patients received these community services last year, it can be seen how effective this program has been in getting an increasing number of patients out of the hospital

One of the most popular programs has been the Unit Home and Family Management Classes which provide basic adjustment and training of both a personal and a social nature - to women in each unit which furnishes psychiatric treatment. Classes are partly aimed at helping the chronic patient to improve, to adjust to his environment and relate to the people about him. Classrooms are furnished to resemble a home environment from which the patient comes and to which eventually he will return. The classes are held in the individual units, and are taught by instructors from the Yarbrough Building.



V O C A T I O N A





The second secon



Cosmetology, Drafting, Cabinet making, Carpentry and Electronics comprise some of the varied vocational opportunities available to CSH residents through the Vocational Rehabilitation Division. The total number of patients enrolled in the vocational training programs was 1881 during the past year. An additional 2000 patients received training and work adjustment through the Patient Rehabilitation Employment Programs.

Because of limited facilities a maximum of 75 patients at a time can be taught good work habits in the Work Evaluation Training Center. A program which provides subcontracts with private industry helps residents to receive pay while at the same time they are functioning in a realistic work situation. Since the beginning of the program about 17 months ago, 75 persons have left Central State Hospital and seemingly have readjusted to community life, as all are now working successfully in various industries around the state. As additional subcontracts are obtained from private industry, the program will be able to accept additional patients.

The Rehabilitation Residences have been extremely effective providing discharged patients who do not have regular homes with a residence while they are making a readjustment to community living. Existing residences are now located in Atlanta, Augusta, Albany, Columbus and Savannah. Plans have been made to open a seventh in Macon.

THE PROGRAM FOR MULTIPLE HANDICAP PATIENTS

This program was initiated in 1964 by the Department of Clinical Psy. chology and was intended for those patients suffering from a variety of problems in addition to mental illness, such as speech or hearing difficulties and including visual deficiencies. In November of 1965, the program was enlarged to include patients suffering from physical disabilities. The first patient in this category was a man who owned a cardiovascular problem. Since the opening of the ward, a review of admissions reveals that the percentage of the total number of admissions fell into the following categories:

| Totally Blind14% | 76 |
|--------------------------------------|-----|
| Partially Blind | 32 |
| Totally Deaf | 97 |
| Partially Deaf28% | 151 |
| Speech Defects18% | 98 |
| Multiple Sensory Handicap 6% | 32 |
| Miscellaneous Physical Handicaps.10% | 54 |
| | |

Patients admitted to date.....540

Visually handicapped patients receive a variety of treatment including psychological services, talking book machines the books provided by the Library for the Blind, publications and books in Braille are available for those who have mastered this medium. A consultant in orientation and mobility trains the blind patients to get around, and to travel as independently as possible so that they will be able to cope with employment conditions after leaving the hospital. Blind patients, as well as those suffering losses in any of the other major areas, have access to one of the best surgical teams in the south including an outstanding ophthalmology department in which is trained a senior resident from Mayo Clinic every six months.

Patients with speech defects have available evaluation and therapy provided by Consultants from the University of Georgia's Hearing

and speech clinic. Periodic visits by these consultants provide limited therapy needed by these patients in their efforts to learn patterns of intelligible speech.

The deaf and hard of hearing have the opportunity to learn sign language through periodic visits by qualified teachers. Evaluations are done by audiologists from the University of Georgia. Recommendations are scrupulously followed. A sound suite is available to facilitate accurate hearing evaluations. In some cases it is possible for Vocational Rehabilitation to provide hearing aids which alleviate the hearing loss, either fully or partially. Group therapy with sign language interpreter was initiated in 1965 and has been significantly successful in dealing with some of the emotional problems.

Vocational Rehabilitation is an integral and essential supportive service in all programming for multiple handicap patients. Primary treatment goals are to provide psychotherapy, special services and vocational rehabilitation so that individuals can function outside the hospital at a level compatible with their abilities, physical limitations and emotional difficulties. A ward government operates on both male and female wards and each patient is given an adequate amount of responsibility according to his capacity to handle it.

Approximately 71% of the patients treated on the ward exhibit a marked improvement, 20% are rated as unimproved, while the remainder show continued regression.



Dr, Tom Lucik and blind patient

THE JONES HOSPITAL GENERAL MEDICINE AND SURGERY

BUILDINGS: Jones (1930)

RESIDENT PATIENTS (June 30, 1969): 175

ADMISSIONS: 3386

DIRECTOR: Joseph G. Bohorfoush, M.D.

ADMINISTRATOR: William R. Crittenden (Acting)

DIRECTOR OF NURSING: Mrs. Irene Wood, R.N.

This General Medical and Surgical Unit renders inpatient, outpatient emergency, anatomical pathology, clinical laboratory and radiological services to the patients of Central State Hospital, the residents of the Georgia Rehabilitation Center for Women and also to the residents of the Youth Development Center in Milledgeville.

Medical services offered include inpatient service, cardiac clinic, hematology clinic, podiatry. Diabetic, gestroenterology and hypertensive clinics will be activated as soon as personnel becomes available.

Surgical services include general, thoracic, orthopedic, genitourinary, ophthalmology, otolaryngology and neuro-surgery.

Obstetrics and gynecology services offered include inpatient and outpatient and cancer detection of the breast and uterus.

Anesthesia services include general, pulmonary inhalation therapy and resuscitation services.

Pathology services include both anatomical pathology and laboratory services. Surgical pathology, autopsies and pap smears and general and nuclear laboratory services are offered.

The radiological service offers both diagnostic and therapeutic radiology. The diagnostic service includes roentology and scans, and therapeutic radiology includes superficial, 250 volt therapy and, by contract, high intensity therapy.

During the past year consultants from the Medical College of Georgia were active in medicine, surgery and ob/gyn. Consultants unaffiliated with the Medical College were active in Dermatology, and in ophthalmology and otolaryngology. By formal agreement, a senior resident from Mayo Graduate School of Medicine, Rochester, Minn. serves his last three months of residence at Central State Hospital in the ophthalmology department.

A considerable number of preventive medical services are offered

of Central State Hospital semi-annually. These include analyses, and various tests including hemoglobin, hematocrit, WBC (Differential is done when the count is below 4,000 or above 10,000), blood sugar, urinalysis and BUN.

Special studies done involve bacteriological studies where these are necessary to determine bacteria that may have become epidemic, a medical examination for all new employees including CBC, urinalysis, VDRL and chest x-ray. PKU studies on more than 6,000 patients during the past year and on all new patients admitted were carried out.

Special surveys done this year included surveying females in the hospital for cancer of the breast and uterus, an ophthalmology survey for blindness and tests of men over 50 for carcinoma of the prostate.

A total of 61,926 days care were given to 3,336 patients with an average length of stay of 18.63 days. There were 572 deaths with 125 autopsies performed, an autopsy rate of 21.85. The average daily occupancy was 158.6 and the average percentage for the year 67.20. The surgical teams performed 1290 operations.



RIVERS HOSPITAL TUBERCULAR, DIABETIC AND MEDICARE

BUILDINGS: Rivers (1939)

RESIDENT PATIENTS (June 30, 1969): 613

ADMISSIONS: Tubercular 82, Diabetic 62, Medicare 434

DIRECTOR: Mahmud Majanovic, M.D.

ADMINISTRATOR: Norman E. Wood, Jr.

DIRECTOR OF NURSING: Mrs. Valeria Atchison, R.N.

Two new departments became operative during the past year. They were property control and housekeeping. A full time social worker was detailed to the hospital by the social work department since this unit did not have such a position. Also, the music therapy department detailed a therapist to start a program. These two staff additions materially improved treatment for the patients.

During the year more than 850 pieces of equipment were purchased with budgetary funds and some additional money from the CSH Patients Benefit Fund. This was the first year under the unit concept that we had sufficient funds to commence a planned, orderly equipment renewal program designed to improve overall patient care and comfort, and to increase hospital operating efficiency.

A new dental operatory was opened in the East Wing in July. The director, Dr. Majanovic continued with his Isoniazide prophylaxis in conjunction with the U. S. Public Health Service, Tuberculosis prophylaxis trials, Institutions, Washington, D.C. Approximately thirty one hundred subjects in catchment areas throughout CSH are cooperating in the project.

Improvements to the physical facilities during the year included 409 new beds, floor tile on Rivers Medicare Ward, centralized supply room established, eight physical room areas set up, three elevators renovated, standardization of all chart rooms, three sitting room areas established on the active T.B.wards, and a number of others.





PHARMACY

The past year was marked by greater extension of pharmacy service to patients and staff which resulted from the addition of three new interns to the staff which now consists of seven pharmacists; however, only one intern is at present with the department.

A reorganization of the department made possible three distinctive sections with specialized functions which include the Jones Medical and Surgical Hospital Pharmacy, the Internal Pharmacy, and the External Pharmacy.

The Internal Pharmacy operation includes overall planning, manufacturing, purchasing and distribution of ward stock, warehouse organization and the filling of individual drug orders for the patients on convalescent leave. Many needed alterations have been incorporated in this section during the year, including new and much more effective systems for the control of narcotics, ethyl alcohol and other dangerous drugs, a better system for filing and the retrieval of records and a new system for labeling and prepackaging capsules and tablets. A new inservice training program was also started and a new formulary drug list was compiled and printed. Plans are now in order to completely remodel this department by the addition of space being used by other hospital units in the same building.

A completely computerized system of inventory control along with the purchasing of supplies is being worked out in conjunction with a new data processing system now available at the hospital. This system is based on automatic recorder points and will give much closer, and more effective control and more economical operation.

The Jones Hospital Pharmacy consists of a special pharmacy operation. A serious effort has been made in this section to improve patient care and to provide better service for all wards and clinics utilizing the automatic recorder points for inventory. This division is now staffed by two full-time pharmacists who are utilizing modern equipment. An effort is in progress to design a unit dose concept to go along with the system of reviewing physician orders. Also a method of closer control is being developed for those drugs Jones Hospital doctors are prescribing for patients in other parts of CSH.

The External Pharmacy is staffed by two pharmacists and includes a perpetual and systematic survey and inspection of all 150 wards in the hospital. This has provided a direct pharmacy service in this area provided in the Veterans Building, the establishment for purposes of research and analysis of various direct service wards throughout the hospital and the personal control of all pharmaceuticals institutionwide.

During the past year the pharmacy dispensed drugs amounting to a total of \$813,151 which amount also included the cost of 19,123 prescriptions issued to patients on convalescent leave.

DENTISTRY

The department continues to be accredited by the Council on Hospital Dental Service of the American Dental Association. During the fiscal year 1969, the staff performed 42,236 operations and treatments, and 15,823 patients received oral examinations. The entire hospital population receives an oral examination every six months.

A major item of progress during the past year was the completion of eight modern dental operatories in various locations in the residence buildings, thereby providing a means of treating bed patients, maximum security patients, tubercular patients and others whose situation would preclude treatment in the Central Dental Clinic.

At the present time the Central Clinic is being remodeled to include an operating room for providing oral surgical procedures under general anesthesia for selected patients. Remodeled office space for administrative personnel, conference areas, waiting rooms, and space for storage will be included. Six operatories located in the Central Clinic are being modernized with new equipment.

Consultants added during the year included Dr. Frances Shaffer a Prosthodontist from the Emory University School of Dentistry; Dr. T. A. Boone, Jr., Orthodontist, and Drs. Thomas McKelvey and Rush Peece both of whom specialize in Maxillo-facial Prosthetics. Drs. Stephen Fennel and Clyde Marlow continued to provide outstanding leadership, and also provided consultation in cases involving oral surgery.

The department initiated comprehensive oral hygiene programs for patients in eight buildings. These included information on the needs for modern oral hygiene aids and devices, as well as demonstrations, instructional material and suggestions for most effective use of the equipment.

The Dental Program Director was honored by election to the position of Second Vice-President of the Central District Dental Society and, during a presentation to the Western District Dental Assistants Society was the recipient of a substantial contribution for retarded patients which amount will be used to purchase toothbrushing devices and other dental aids.

NEUROLOGY

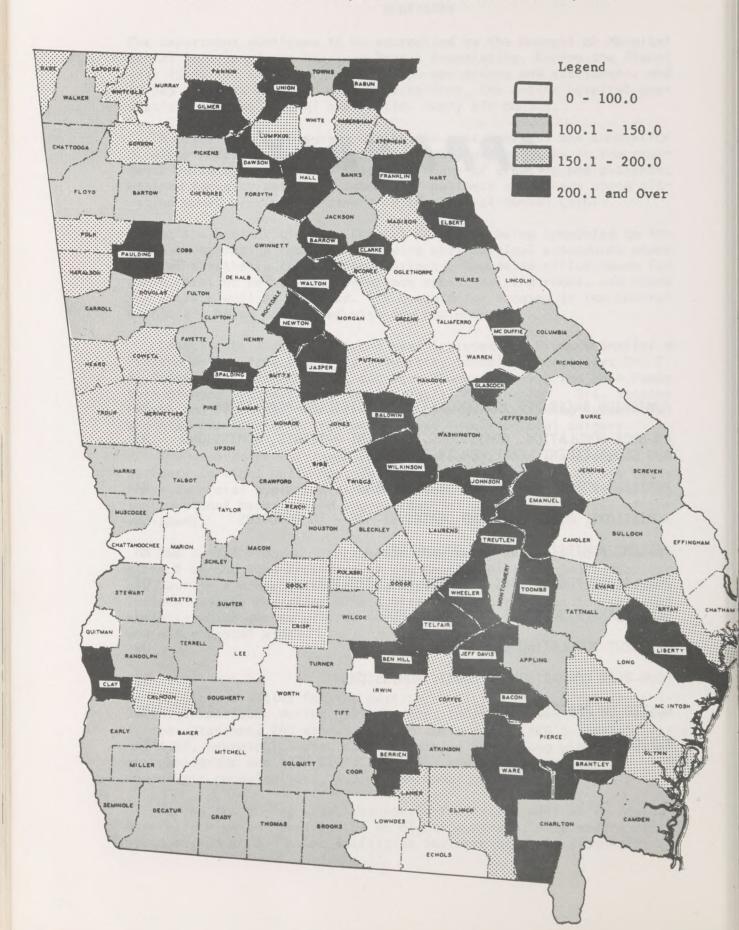
Neurologic activities for the past three fiscal years offer the following comparison. During 1967 the department provided 485 neurologic consultations, 245 echoencephalograms and 1539 EEG's. During fiscal 1968, neurologic consultations totaled 409, along with 212 echoencephalograms and 1378 EEG's. In 1969 the department provided 475 neurologic consultations, 152 echoencephalograms and 1567 EEG's.

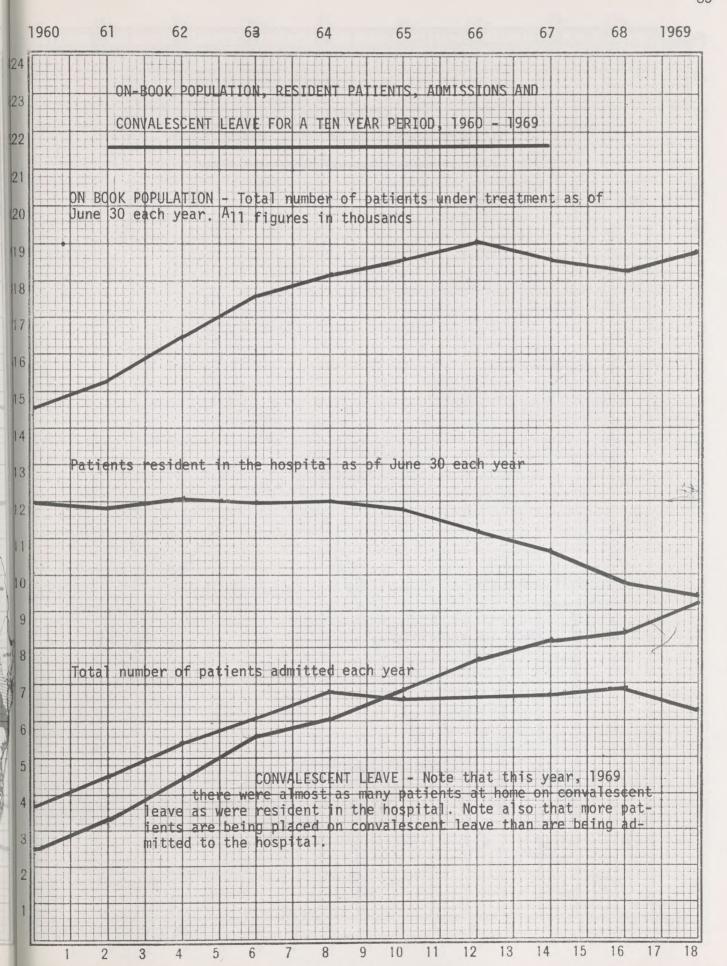
During the coming year, diagnostic facilities will be increased, hopefully with the addition of an electromyograph, more modern ultra sound equipment and other facilities for more accurate diagnosis.

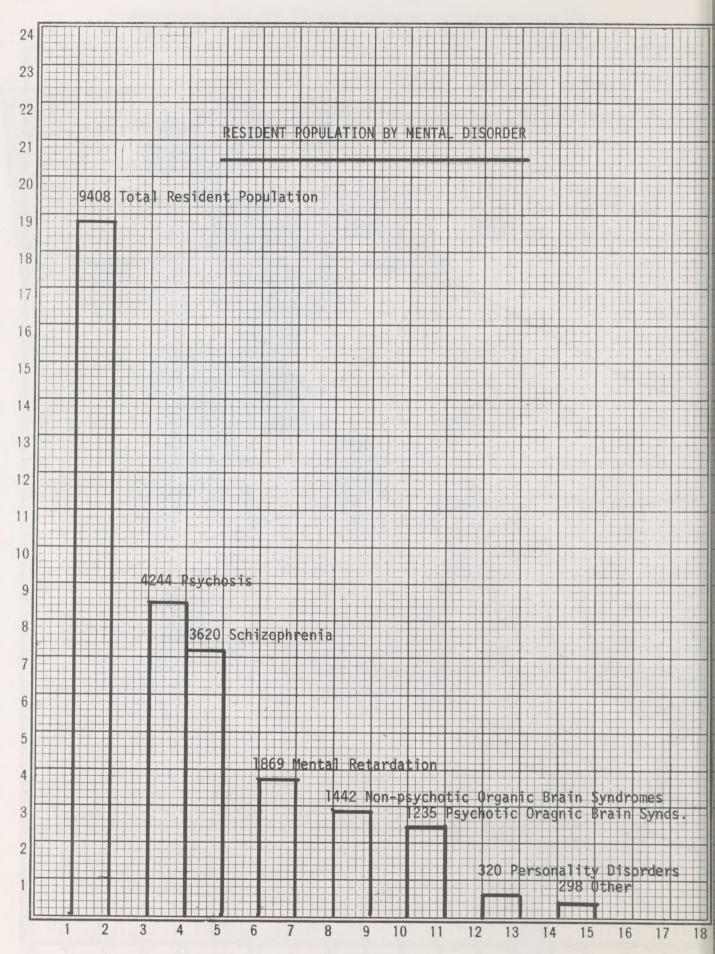
APPENDIX

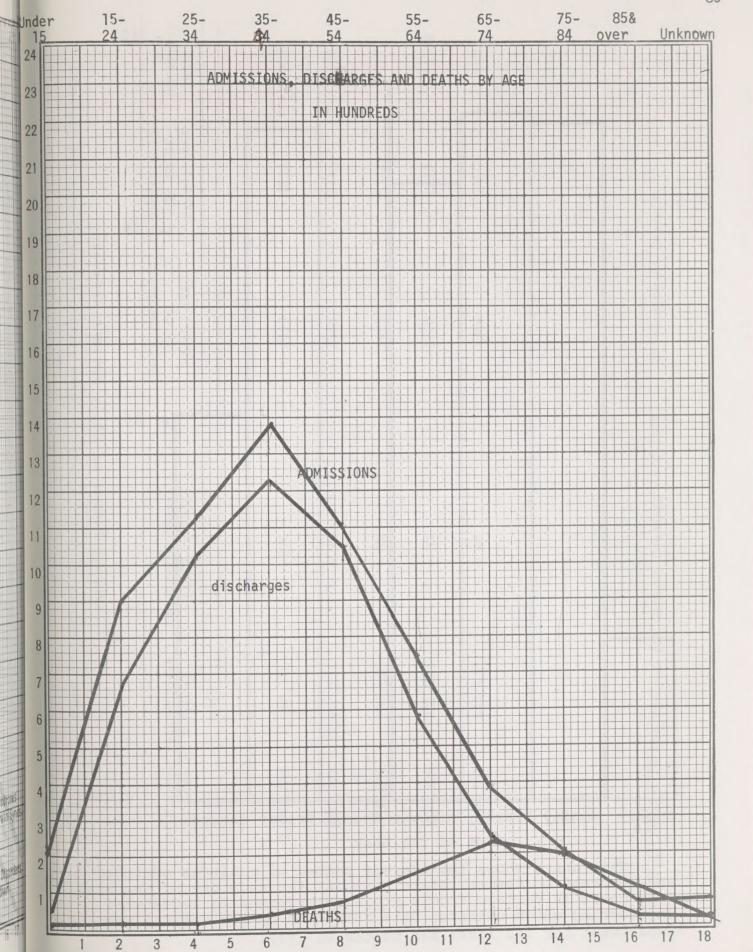
| ADMISSION KATES PER 100,000 ESTIMATED CIVILIAN POPOLATION | 02 |
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| ON-BOOK POPULATION, ADMISSIONS, RESIDENT PATIENTS, ADMISSIONS AND CONVALESCENT LEAVE FOR 1960-1969 | 83 |
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| RESIDENT POPULATION BY COUNTY | 89 |
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| ROSTER OF PROFESSIONAL STAFF | 94 |
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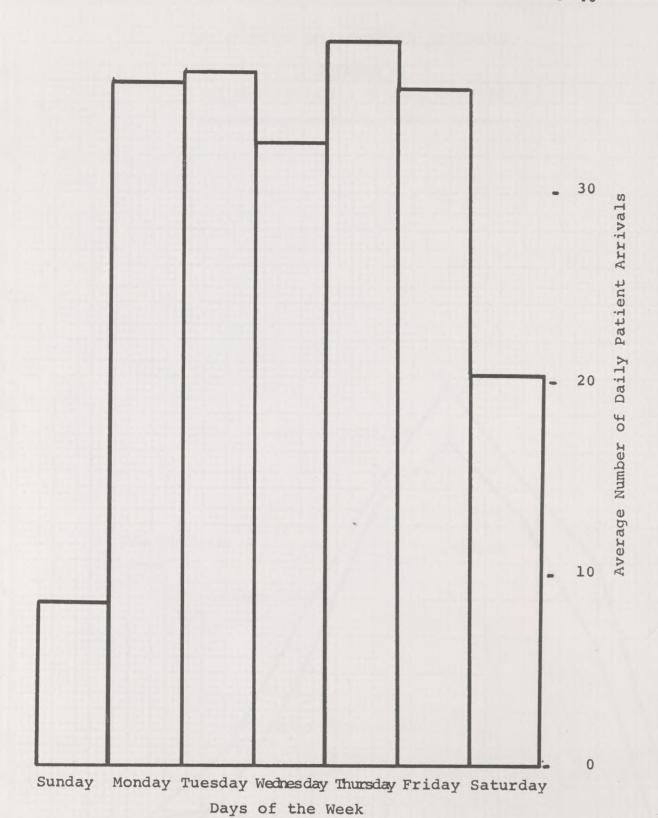
ADMISSION RATES PER 100,000 ESTIMATED CIVILIAN POPULATION, BY COUNTY OF ADMISSION, FISCAL YEAR ENDING JUNE 30, 1969











This chart shows the average number of patients admitted and returned to Central State Hospital for each day of the week. This chart is derived from a project performed by Industrial Engineering which utilized data furnished by the Medical Records Department for the first six months of 1969.

Table 1. Population Projections by Unit, 1970-1975, Versus Present Available Beds and Occupancy

| Unit | | Projections* of Persons) | Population Change (1970 to 1975) | Beds available As Of March, 1969 | Patients in Unit As Of March, 1969 | Occupancy Rate |
|------|-----------|--------------------------|-------------------------------------|--|--|-------------------|
| | 1970 | 1975 | | | | |
| I | 1,247,735 | 1,497,771 | +20% | 1299 | 1236 | 95% |
| II | 1,107,579 | 1,210,137 | + 9% | 1591 | 1411 | 89% |
| III | 928,205 | 980,118 | + 6% | 1463 | 1328 | 91% |
| IV | 859,518 | 931,339 | + 8% | 1700 | 1553 | 91.5% |
| V | 658,193 | 681,485 | + 4% | 1344 | 1250 | 93% |

^{*}Source: Population Projections for Georgia Counties 1970-1975. University of Georgia.

DEATHS AND DISCHARGES BY TIME ON BOOKS

| TIME ON BOOKS | | DEATHS | DISCHARGES |
|-------------------|--|--------|------------|
| Under 3 months | | 187 | 1078 |
| 3-5 months | | 85 | 205 |
| 6-11 months | | 76 | 149 |
| 1 Year | | 88 | 2313 |
| 2 Years | | 49 | 530 |
| 3 Years | | 42 | 251 |
| 4 Years | | 33 | 134 |
| 5-9 Years | | 81 | 228 |
| 10-14 Years | | 60 | 59 |
| 15-19 Years | | 42 | 34 |
| 20-24 Years | | 33 | 24 |
| 25-29 Years | | 16 | 8 |
| 30 Years and over | | 58 | 13 |
| TOTAL | | 850 | 5026 |
| | | | |

RESIDENT POPULATION BY COUNTY

| APPLING | 26 | FANNIN | 42 | OGLETHORPE | 27 |
|------------|------|------------|------|------------|------|
| ATKINSON | 9 | FAYETTE | 22 | PAULDI NG | 36 |
| | 18 | | 153 | PEACH | 44 |
| BACON | | FLOYD | | | |
| BAKER | 9 | FORSYTH | 35 | PICKENS | 24 |
| BALDWIN | 143 | FRANKLIN | 31 | PIERCE | 17 |
| BANKS | 18 | FULTON | 1625 | PIKE | 32 |
| BARROW | 38 | GILMER | 22 | POLK | 92 |
| BARTOW | 62 | GLASCOCK | 15 | PULASKI | 32 |
| BEN HILL | 38 | GLYNN | 78 | PUTNAM | 29 |
| | | GORDON | | QUITMAN | |
| BERRIEN | 15 | | 54 | | 3 |
| BIBB | 380 | GRADY | 35 | RABUN | 22 |
| BLECKLEY | 31 | GREENE | 39 | RANDOLPH | 29 |
| BRANTLEY | 11 | GWINNETT | 81 | RICHMOND | 303 |
| BROOKS | 37 | HABERSHAM | 51 | ROCKDALE | 31 |
| BRYAN | 13 | HALL | 138 | SCHLEY | 8 |
| BULLOCH | 61 | HANCOCK | 32 | SCREVEN | 44 |
| BURKE | 58 | HARALSON | 35 | SEMI NOLE | 8 |
| | | | | SPALDING | |
| BUTTS | 18 | HARRIS | 30 | | 114 |
| CALHOUN | 15 | HART | 32 | STEPHENS | 40 |
| CAMDEN | 21 | HEARD | 24 | STEWART | 39 |
| CANDLER | 17 | HENRY | 33 | SUMTER | 59 |
| CARROLL | 88 | HOUSTON | 60 | TALBOT | 17 |
| CATOOSA | 32 | IRWIN | 8 | TALIAFERRO | 9 |
| CHARLTON | 14 | JACKSON | 44 | TATTNALL | 37 |
| CHATHAM | | JASPER | 30 | TAYLOR | 24 |
| | 402 | | | TELFAIR | |
| CHATTAHOOC | | JEFF DAVIS | 18 | | 39 |
| CHATTOOGA | 37 | JEFFERSON | 38 | TERRELL | 34 |
| CHEROKEE | 55 | JENKINS | 37 | THOMAS | 77 |
| CLARKE | 115 | JOHNSON | 25 | TIFT | 36 |
| CLAY | 10 | JONES | 19 | TOOMBS | 47 |
| CLAYTON | 78 | LAMAR | 32 | TOWNS | 4 |
| CLINCH | 10 | LANIER | 8 | TREUTLEN | 13 |
| COBB | 190 | LAURENS | 71 | TROUP | 114 |
| COFFEE | | LEE | 7 | TURNER | 23 |
| | 37 | | | TWIGGS | |
| COLQUITT | 81 | LIBERTY | 25 | | 19 |
| COLUMBIA | * 26 | LINCOLN | 14 | UNION | 17 |
| COOK | 20 | LONG | 11 | UPSON | 57 |
| COWETA | 97 | LOWNDES | 79 | WALKER | 91 |
| CRAWFORD | 15 | LUMPKIN | 26 | WALTON | 64 |
| CRISP | 48 | MACON | 34 | WARE | 84 |
| DADE | 12 | MADISON | 34 | WARREN | 26 |
| DAWSON | 9 | MARION | 21 | WASHINGTON | 46 |
| | | MCDUFFIE | | WAYNE | 34 |
| DECATUR | 51 | | 42 | | |
| DEKALB | 407 | MCINTOSH | 8 | WEBSTER | 7 |
| DODGE | 57 | MERIWETHER | 53 | WHEELER | 7 |
| DOOLY | 33 | MILLER | 11 | WHITE | 13 |
| DOUGHERTY | 124 | MITCHELL | 40 | WHITFIELD | 98 |
| DOUGLAS | 49 | MONROE | 41 | WILCOX | 17 |
| EARLY | 32 | MONTGOMERY | 10 | WILKES | 34 |
| ECHOLS | 2 | MORGAN | 28 | WILKINSON | 36 |
| | | MURRAY | 25 | WORTH | 31 |
| EFFINGHAM | 19 | | | | - |
| ELBERT | 59 | MUSCOGEE | 287 | TOTAL | 9408 |
| EMANUEL | 63 | NEWTON | 69 | | |
| EVANS | 15 | OCONEE | 27 | | |
| | | | | | |

FOUR-YEAR COMPARISON OF COUNTY ADMISSIONS

| COUNTY OF | | YEAR | | | | |
|---------------|------|------|------|------|-------|--|
| ADMISSION | 1966 | 1967 | 1968 | 1969 | TOTAL | |
| APPLING | 25 | 19 | 17 | 15 | 76 | |
| ATKINSON | 5 | 7 | 1 | 9 | 22 | |
| BACON | 20 | 15 | 26 | 33 | 94 | |
| BAKER | 10 | 5 | 1 | 1 | 17 | |
| BALDWIN | 157 | 119 | 144 | 127 | 547 | |
| BANKS | 20 | 5 | 7 | 9 | 41 | |
| BARROW | 56 | 45 | 52 | 39 | 192 | |
| BARTOW | 65 | 61 | 73 | 46 | | |
| BEN HILL | 38 | 37 | 37 | 37 | 245 | |
| BERRIEN | 20 | 19 | 19 | | 149 | |
| BIBB | 236 | 256 | | 23 | | |
| BLECKLEY | 17 | | 273 | 279 | 1044 | |
| BRANTLEY | | 23 | 23 | 14 | 77 | |
| BROOKS | 10 | 15 | 13 | 20 | 58 | |
| BRYAN | 26 | 24 | 16 | 18 | 84 | |
| | 8 | 15 | 16 | 13 | 52 | |
| BULLOCH | 34 | 28 | 32 | 36 | 130 | |
| BURKE | 20 | 25 | 19 | 20 | 84 | |
| BUTTS | 20 | 27 | 27 | 17 | 91 | |
| CALHOUN | 18 | 8 | 4 | 11 | 41 | |
| CAMDEN | 15 | 17 | 12 | 13 | 57 | |
| CANDLER | 9 | 6 | 17 | 5 | 27 | |
| CARROLL | 67 | 79 | 66 | 58 | 270 | |
| CATOOSA | 26 | 35 | 34 | 40 | 135 | |
| CHARLTON | 4 | 7 | 5 | 8 | 24 | |
| CHATHAM | 162 | 154 | 161 | 167 | 644 | |
| CHATTAHOOCHEE | 3 | 1 | 4 | 0 | 8 | |
| CHATTOOGA | 44 | 30 | 24 | 23 | 121 | |
| CHEROKEE | 61 | 47 | 58 | 45 | 211 | |
| CLARKE | 99 | 100 | 118 | 112 | 429 | |
| CLAY | 8 | 3 | 7 | 10 | 28 | |
| CLAYTON | 82 | 81 | 88 | 82 | 333 | |
| CLINCH | 5 | 11 | 15 | 12 | | |
| COBB | 218 | 196 | 237 | | 43 | |
| COFFEE | 48 | 51 | | 194 | 845 | |
| COLQUITT | 77 | 71 | 29 | 35 | 163 | |
| COLUMBIA | 21 | | 54 | 49 | 251 | |
| COOK | 27 | 22 | 32 | 24 | 99 | |
| COWETA | 66 | 17 | 16 | 17 | 77 | |
| CRAWFORD | | 65 | 70 | 63 | 264 | |
| | 6 | 5 | 10 | 8 | 27 | |
| CRISP | 29 | 33 | 32 | 36 | 130 | |
| ADE | 10 | 17 | 17 | 15 | 59 | |
| AWSON | 2 | 7 | 9 | 8 | 26 | |
| ECATUR | 48 | 39 | 47 | 32 | 166 | |
| EKALB | 325 | 278 | 300 | 274 | 1177 | |
| OODGE | 42 | 43 | 24 | 31 | 140 | |
| OOOLY | 15 | 11 | 26 | 20 | 72 | |
| OUGHERTY | 105 | 95 | 106 | 96 | 402 | |
| OUGLAS | 39 | 40 | 29 | 38 | 146 | |
| EARLY | 24 | 21 | 26 | 20 | 91 | |
| CHOLS | 0 | 2 | 5 | 0 | 7 | |
| CFFINGHAM | 7 | 13 | 19 | 7 | | |
| | | 1) | 79 | 1 | 46 | |

| COUNTY | COUNTY OF YEAR | | | | |
|---|---|--|---|---|---|
| ADMISSION | 1966 | 1967 | 1968 | 1969 | TOTAL |
| ELBERT EMANUEL EVANS FANNIN FAYETTE FLOYD FORSYTH FRANKLIN FULTON GILMER GLASCOCK GLYNN GORDON GRADY GREENE GWINNETT HABERSHAM HALL HANCOCK HARALSON HARRIS HART HEARD HENRY HOUSTON IRWIN JACKSON JASPER JEFF DAVIS JEFFERSON JENKINS JOHNSON JONES LAMAR LANIER LAURENS LEE LIBERTY LINCOLN LONG LOWNDES LUMPKIN MACON MADISON MARION MCDUFFIE MCINTOSH MERIWETHER MITCHELL | 44 37 11 20 8 12 13 26 28 92 13 77 77 38 32 16 29 13 40 7 27 58 9 38 10 11 12 13 14 16 29 13 14 16 16 16 16 16 16 16 16 16 16 | 27 50 18 24 7 106 28 23 987 14 5 70 48 26 17 78 35 102 21 103 104 105 105 106 107 107 108 108 109 109 109 109 109 109 109 109 | 28 52 12 18 10 101 25 23 873 21 6 82 41 33 5 92 32 107 24 5 24 71 12 31 5 20 8 73 3 19 13 7 52 6 31 22 8 73 19 10 7 52 10 7 52 10 10 10 10 10 10 10 10 10 10 10 10 10 | 41 56 11 21 103 23 100 24 99 40 217 85 36 135 17 29 8 28 8 55 7 22 32 40 12 13 14 15 16 16 17 16 17 19 19 19 19 19 19 19 19 19 19 19 19 19 | 140 195 52 83 38 423 102 105 3582 72 27 320 167 144 65 327 141 448 79 105 57 110 36 98 250 44 104 49 96 98 71 85 83 83 36 71 89 32 71 89 83 83 84 85 86 87 87 88 88 88 88 88 88 88 88 88 88 88 |

| COUNTY | | YEAR | | | | |
|------------|------|------|------|------|-------|--|
| ADMISSION | 1966 | 1967 | 1968 | 1969 | TOTAL | |
| MONROE | 23 | 25 | 28 | 23 | 99 | |
| MONTGOMERY | 7 | 7 | 13 | 9 | 36 | |
| MORGAN | 20 | 18 | 11 | 9 | 58 | |
| MURRAY | 17 | 12 | 12 | 8 | 49 | |
| MUSCOGEE | 139 | 196 | 166 | 187 | 688 | |
| NEWTON | 57 | 67 | 58 | 55 | 237 | |
| OCONEE | 13 | 11 | 13 | 14 | 50 | |
| OGLETHORPE | 9 | 7 | 14 | 8 | 38 | |
| PAULDING | 34 | 42 | 45 | 46 | 167 | |
| PEACH | 29 | 36 | 39 | 32 | 136 | |
| PICKENS | 5 | 14 | 16 | 13 | 48 | |
| PIERCE | 12 | 13 | 9 | 10 | 46 | |
| PIKE | 8 | 18 | 14 | 9 | 49 | |
| POLK | 52 | 64 | 58 | 52 | 226 | |
| PULASKI | 12 | 17 | 24 | 14 | 67 | |
| PUTNAM | 15 | 21 | 16 | 15 | 67 | |
| QUITMAN | 3 | 2 | 2 | 1 | 8 | |
| RABUN | 10 | 13 | 21 | 17 | 61 | |
| RANDOLPH | 14 | 14 | 21 | 12 | 61 | |
| RICHMOND | 212 | 241 | | 160 | 861 | |
| ROCKDALE | 20 | 26 | 248 | | | |
| SCHLEY | 1 | 20 | 29 | 24 | 99 | |
| SCREVEN | 19 | 28 | 4 | 4 | 11 | |
| SEMI NOLE | | | 19 | 17 | 83 | |
| SPALDING | 5 | 10 | 6 | 10 | 31 | |
| STEPHENS | 98 | 93 | 105 | 97 | 393 | |
| STEWART | 21 | 35 | 24 | 30 | 110 | |
| | 10 | 10 | 14 | 8 | 42 | |
| SUMTER | 36 | 32 | 34 | 30 | 132 | |
| TALBOT | 9 | 8 | 13 | 10 | 40 | |
| TALIAFERRO | 6 | 5 | 4 | 2 | 17 | |
| TATTNALL | 22 | 24 | 20 | 18 | 84 | |
| TAYLOR | 5 | 10 | 6 | 7 | 28 | |
| TELFAIR | 20 | 26 | 29 | 28 | 103 | |
| TERRELL | 18 | 7 | 15 | 17 | 57 | |
| THOMAS | 58 | 55 | 76 | 44 | 233 | |
| TIFT | 53 | 28 | 31 | 29 | 141 | |
| TOOMBS | 61 | 53 | 55 | 51 | 220 | |
| TOWNS | 4 | 11 | 6 | 6 | 27 | |
| TREUTLEN | 18 | 20 | 14 | 16 | 58 | |
| TROUP | 65 | 74 | 67 | 76 | 282 | |
| TURNER | 9 | 13 | 16 | 12 | 50 | |
| TWIGGS | 11 | 11 | 18 | 13 | 53 | |
| UNION | 14 | 16 | 12 | 19 | 61 | |
| UPSON | 51 | 44 | 32 | 37 | 164 | |
| WALKER | 72 | 92 | 95 | 77 | 336 | |
| WALTON | 55 | 56 | 66 | 57 | 234 | |
| WARE | 78 | 70 | 64 | 99 | 311 | |
| WARREN | 8 | 9 | 17 | 6 | 40 | |
| WASHINGTON | 55 | 49 | 42 | 27 | 173 | |
| WAYNE | 33 | 30 | 32 | 28 | | |
| WEBSTER | | | | | 123 | |
| WHEELER | 1 | 6 | 1 | 3 | 11 | |
| WHITE | 14 | 9 5 | 11 | 12 | 46 | |
| 1117777 | 10 | 2 | 7 | 4 | 26 | |

| COUNTY | W. O. M | YEAR | | | | | |
|---|---------------------------|----------------------------|---------------------------|---------------------------|-----------------------------|--|--|
| ADMISSION | 1966 | 1967 | 1968 | 1969 | TOTAL | | |
| WHITFIELD WILCOX WILKES WILKINSON WORTH | 98 9 22 18 16 | 96 11 25 24 20 | 81 9 27 24 22 | 91 9 14 21 15 | 366 38 88 87 73 | | |
| TOTAL | 6667 | 6691 | 6802 | 6290 | 26,450 | | |

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MEDICAL DEPARTMENT

James B. Craig, M.D.* Superintendent

John W. Kemble, M.D.*
Assistant Superintendent - Education, Training and Research

William R. Howard, M.D.
Assistant Superintendent - Physical Health

W. T. Smith, M.D.* Clinical Director - Psychiatric Service

H. C. Miles, M.D.*
Clinical Director - Psychiatric Service

PSYCHIATRY

UNIT I

| Hortensia Alvarez, M.D. Rafael Alvarez, M.D. Francisco Borges, M.D. | Psychiatric Resident Psychiatric Resident Staff Physician Psychiatric Resident Psychiatric Resident Psychiatric Resident Psychiatric Resident |
|---|---|
| S. E. Kramer, M.D.* | Senior Physician, Medical Specialty |
| Jesus Llobet, M.D | Staff Physician II |
| Ricardo Mesa, M.D | Staff Physician II |
| Zelma Ozolins, M.D | Staff Physician I |
| Raul Rivero, M.D. Jose Rouco, M.D. Diego Sans, M.D. | Psychiatric Resident |

UNIT II

| Eduardo Guernica, M.D. | Director |
|---|-------------------------|
| Marta Bosch, M.D Senior Physi | cian. Medical Specialty |
| Tomas Garcia-Montesinos, M.D | Staff Physician II |
| Roberto Rey, M.D. | Psychiatric Resident |
| Mohammed Aslam Sandvi, M.D Senior Physi | cian, Medical Specialty |
| Adolph Sarma, M.D. | Staff Physician III |
| Vilis Zakitis, M.D | Staff Physician III |

UNIT III

| Jose Mendoza, M.D. | Director |
|-------------------------------------|--------------------------|
| Armando Gutierrez, M.D Senior Physi | ician. Medical Specialty |
| Moises Jacobs, M.D. | Staff Physician II |
| Juan Llambes, M.D. | Staff Physician II |
| Rafael Pascual, M.D | Staff Physician II |
| Jacinto Regalado, M.D | Staff Physician II |
| N. T. Soorya, M.D Senior Physi | ician, Medical Specialty |

UNIT IV

| William E. Wood, M.D. John Azzi, M.D. Ramon Berenguer, M.D. Miguel Bosch, M.D. Senior Physician, Medical Specialty Thomas Bullock, M.D. Senior Physician, Medical Specialty Thomas Dulrkalis, M.D. Senior Physician, Medical Specialty Senior Physician, Medical Specialty Orlando Rojas, M.D. Senior Physician, Medical Specialty Orlando Rojas, M.D. Staff Physician II John J. Word, M.D. Senior Physician, Medical Specialty Senior Physician, Medical Specialty Medical Specialty Senior Physician, Medical Specialty Senior Physician, Medical Specialty | | | | |
|---|--|--|--|--|
| <u>UNIT V</u> | | | | |
| Lorenzo del Portillo, M.D. Jose Gonzalez, M.D. Senior Physician, Medical Specialty George Grant, M.D. Senior Physician, Medical Specialty Isidro Insua, M.D. Staff Physician II Manuel Pena, M.D. Staff Physician III Roberto Perdomo, M.D. Staff Physician III Carlos Rivera, M.D. Staff Physician III | | | | |
| UNIT VI | | | | |
| Carl Smith, M.D Director Ernesto Giro, M.D Psychiatric Resident | | | | |
| UNIT VII | | | | |
| E. F. Stincer, M.D Director Juan Perez, M.D Psychiatric Resident | | | | |
| UNIT VIII | | | | |
| Juan Portuondo, M.D. Director Evelio Diaz, M.D. Senior Physician, Medical Specialty Humberto Ravelo, M.D. Psychiatric Resident Odelia Zapaterro, M.D. Senior Physician, Medical Specialty | | | | |
| UNIT IX | | | | |
| Salvador Mendez, M.D. Manuel Estrada, M.D. Ana Marrero, M.D. Rene Montero, M.D. Emelio Yero, M.D. Staff Physician III Psychiatric Resident Staff Physician III | | | | |
| <u>UNIT X</u> | | | | |
| H. C. Miles, M.D Director Heinz Joost, M.D Psychiatric Resident | | | | |

NEUROLOGY

| <u>NEUROLOGY</u> | | | | | |
|--|--|--|--|--|--|
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| RESEARCH - YARBROUGH | | | | | |
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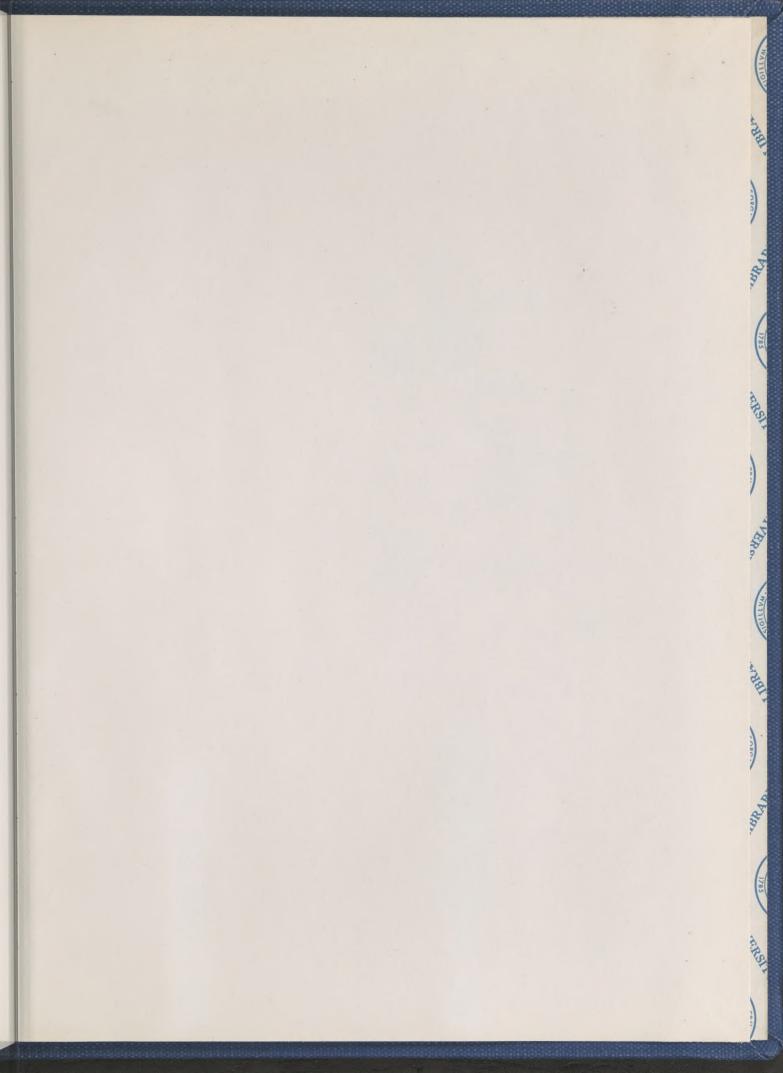
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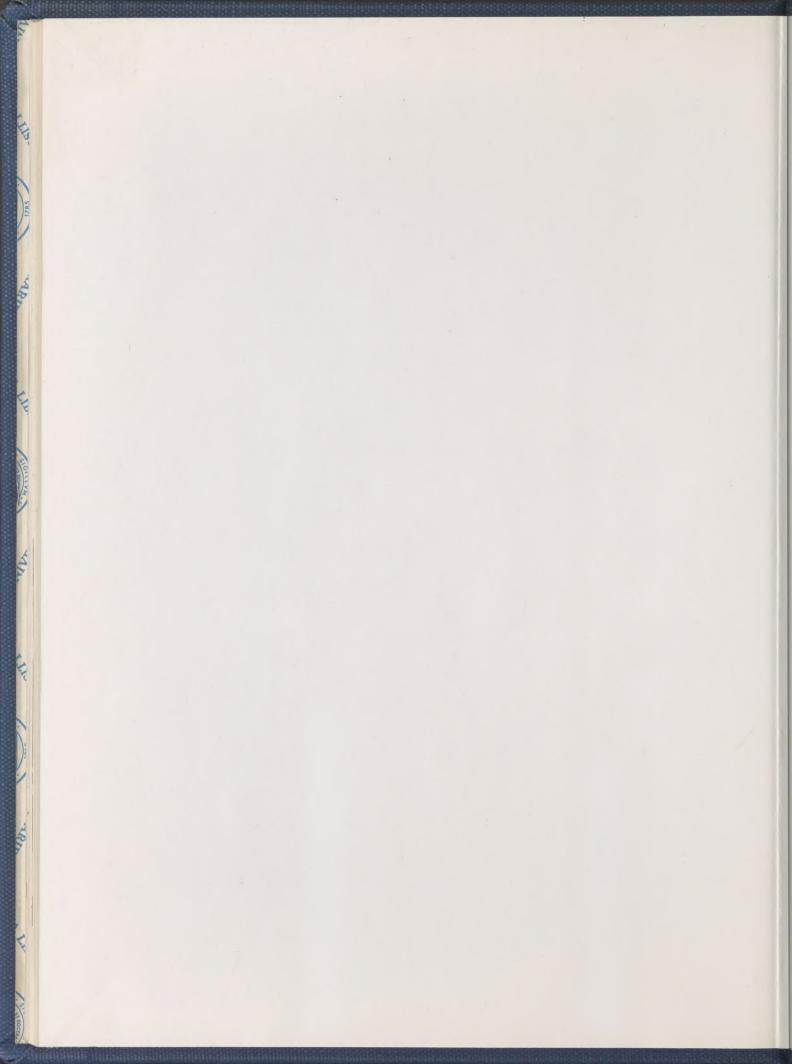
RESIGNATION

Shall I repeat my prayer tonight?
So long I've said that one-,
I think I'll just put out the light
And whisper "Thy will be done."

Ernestine Chavous Berliner

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